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Socioeconomic Characteristics of Medical Practice
1986

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Center for Health Policy Research

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SOCIOECONOMIC CHARACTERISTICS OF MEDICAL PRACTICE

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FOREWORD

Increases in physician supply, efforts to control health care costs and concerns regarding professional liability have all contributed to continuing rapid change in the medical practice environment. The ability of physicians, policymakers and the public to make well-informed decisions in response to this change rests on the availability of detailed and timely information on the socioeconomic aspects of medicine. The 1986 edition of Socioeconomic Characteristics of Medical Practice (or the "Gray Book") is meant to provide such information.

This year's Gray Book includes five new and previously unpublished papers on subjects of policy and methodology based on Socioeconomic Monitoring System (SMS) data. These are followed by detailed tabulations of statistics and trends on a broad range of characteristics of physicians' practices, including income, expenses, fees and certain practice activities. These include new tables providing more detailed information on the distribution of physician earnings than has been reported in the past. A detailed overview of SMS is included in the Appendices.

A program of the magnitude of SMS requires major commitment and substantial effort from many individuals. Although it is impossible to name each individual, I would like to express my gratitude to all who have contributed to SMS and this edition of the Gray Book. Special thanks are due Roger A. Reynolds, Ph.D., Director of the Department of Medical Practice Economics, who had major responsibility for oversight of this publication, and Norbert W. Budde, Ph.D., Director of the Division of Survey and Data Resources, whose division has cooperated with the Center for Health Policy Research in many of the activities relating to SMS.

James F. Rodgers, Ph.D.
Director
Center for Health Policy Research

INTRODUCTION

Socioeconomic Characteristics of Medical Practice (the Gray Book) is an annual reference volume on data collected by the AMA Socioeconomic Monitoring System (SMS). The Gray Book maintains the tradition of the AMA, established in past by the series Profile of Medical Practice, as a primary source of baseline data on socioeconomic aspects of medicine.

This volume is primarily devoted to providing detailed information on medical practice characteristics in 1985 based on data collected by SMS surveys. In addition, trends are shown for characteristics for which similar data was collected in the past by AMA Periodic Survey of Physicians (PSPs). In order to maintain continuity, every effort has been made to ensure that data reported in the Gray Book from the PSPs is consistent with the information in Profile of Medical Practice 1981.

Three changes have been made in this year's Gray Book that are worth noting. First, this year's edition includes five previously unpublished papers. Topics covered by these papers include Medicare visits and revenue, physician employment, professional liability, physician income distribution, and survey nonresponse in SMS surveys.

Second, some statistics reported in the detailed tabulations of this year's Gray Book are revised from previous editions. The revisions reflect a change in the procedure used to calculate statistics from SMS. In the past, a majority of the statistics were calculated using data from all SMS surveys conducted during the year. These statistics have been revised to reflect information from only the SMS core survey which is conducted in the spring each year. The revisions were made because of changes in the timing and frequency of SMS surveys, other than the core survey, in 1985. The core survey has consistently had the largest sample size of the SMS surveys and been fielded the same period each year. Basing the calculation of statistics on information from the core survey alone avoids a potential problem of obscuring long term trends by changing seasonal patterns of data collection.

Third, new tables have been added to the detailed tabulations reflecting physician net income after expenses before taxes, at the twenty-fifth and seventy-fifth percentile. Mean income and median income (or income at the fiftieth percentile) continue to be reported in separate tables as in previous editions. It is our belief that the new tables provide an enhanced perspective of the distribution of earnings among physicians. As indicated above, a paper on physicians' earnings is also included in this year's Gray Book.

We are especially grateful to James F. Rodgers, Director of the Center for Health Policy Research and Roger A. Reynolds, Director of the Department of Medical Practice Economics, who provided comments and advice at all stages of the development of this volume.

Martin L. Gonzalez
David W. Emmons

AN ANALYSIS OF THE CHANGING PATTERNS IN PHYSICIAN EMPLOYMENT STATUS 1983 TO 1985

by Patrick S. Cotter*

The traditional characterization of the United States physician as a fee-for-service, self-employed, solo or group practitioner has been undergoing a reappraisal in the last several years with the increasing importance of alternative health care delivery systems. If alternative delivery systems continue to capture larger portions of the U.S. health care market, as predicted by most observers, it is likely that physician employment will become more common.

In order to understand the implications of growth in physician employment, this report focuses on the trends in physician employment and the practice characteristics of employee physicians from 1983 to 1985. Although the three years considered here do not provide sufficient information to isolate long-term trends in physician employment status, the results reveal significant changes that have occurred in a relatively short interval. Several salient observations are immediately evident from these results:

- The percentage of employee physicians among nonfederal, patient care physicians excluding residents grew from 23.4% to 25.7% over the period 1983 to 1985.
- The percentage of employee physicians increased in nearly all breakdowns by specialty, region, location, age and sex over the three year period.
- The largest variations in employment status occurred by physician sex and age, with 45.4% of females and 47.0% of younger physicians being employees in 1985.
- Self-employed physicians consistently earned nearly $38,000 more per year than employee physicians, however employees worked an average of one and one-half fewer weeks per year and spent four hours less per week in practice related activities.

Data and Definitions

Data used in this study are from the AMA's Socioeconomic Monitoring System (SMS) surveys of nonfederal, patient-care physicians excluding residents for 1983 through 1985. Data for 1985 were from three SMS surveys conducted that year to form a set of approximately 6,500 observations. Observations on 7,600 physicians were available from the four 1984 surveys, and on 6,400 observations from the second through fourth quarter 1983 surveys. Comparable data on employment status were not available for earlier periods. Self-employed physicians are defined as those who reported they were owners or part-owners of their main medical practice. Employee physicians are identified as hospital, state or local government, or "other" employees which includes physicians working for HMOs, group practices, or other settings.

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Distribution of Physicians by Employment Status

Table 1 presents the percentages of employee physicians in the aggregate and within specialties, regions, location, age, and sex for 1983 to 1985. The overall percentage of employee physicians increased from 1983 to 1985 from 23.4% to 25.7% of the physician population surveyed. This small but statistically significant increase probably reflects the growing importance of alternative delivery systems in the U.S. health care market and the competitive pressures facing physicians. Further segregation of these physicians by employment status in their main practice in 1985 indicates that 9.7% were hospital employees, 2.7% were government employees and 13.3% were employees in other settings.

Several variations across specialty categories are worth noting:

- Surgeons and OB/GYNs had the lowest percentages of employees for 1985, with 13.9% and 13.4% respectively.

- Pathologists and "other" specialists, such as emergency care physicians, had the largest percentages of employees with 52.2% and 42.2% respectively for 1985.

All other specialties more closely matched the aggregate distribution. The only specialty to record a decrease in the percentage of employees between 1983 and 1985 were OB/GYNs. The largest increases in employee positions over the three years occurred for GP/FPs and anesthesiologists, which increased 5.3 and 7.2 percentage points respectively.

The results indicate a tendency for physician employment status to become more uniform across regions over the three years sampled. The regional breakdown in Table 1 shows that

- Northeastern states had the largest percentage of employee physicians in 1985 with 29.8% while the West had the smallest with 22.2%; however,

- the West registered the largest percentage point increase in employee physicians from 1983 to 1985 at 5.2 points, while the Northeast experienced a slight decline.

This tendency towards uniformity is evident to a lesser extent in the urban/rural location breakdown which indicates that:

- 28.6% of physicians were employees in large metropolitan areas compared to 19.8% in rural areas in 1985; but

Table 1

Percentage of Physician Employees by Selected Practice Characteristics 1983-1985

	1983	1984	1985
ALL PHYSICIANS	23.4%	24.1%	25.7%
SPECIALTY			
General/Family Practice	17.4	20.6	22.7
Internal Medicine	25.4	25.4	25.7
Surgeons	13.0	13.9	13.9
Pediatrics	31.5	30.4	32.1
Obstetrics/Gynecology	14.0	13.6	13.4
Radiology	28.3	25.7	29.6
Psychiatry	28.5	31.9	30.2
Anesthesiology	22.2	23.1	29.4
Pathology	50.5	46.3	52.2
Other	39.7	39.7	42.2
REGION			
Northeast	30.9	29.7	29.8
North Central	23.5	25.4	28.1
South	22.4	22.5	23.4
West	17.0	18.9	22.2
LOCATION			
Rural	16.9	18.4	19.8
Small Metropolitan	23.6	23.8	24.9
Large Metropolitan	26.1	26.6	28.6
AGE			
Under 36	41.7	44.2	47.0
36 to 45	24.3	25.4	27.0
46 to 55	19.5	18.7	20.9
Over 55	18.4	18.8	19.4
SEX			
Male	21.6	22.1	23.5
Female	42.9	43.6	45.4

SOURCE: American Medical Association, SMS Surveys of nonfederal, patient-care physicians excluding residents, 1983-1985.

See Appendix C for detailed definitions of practice characteristics.

- the percentage of employees in rural areas increased by nearly 3 points between 1983 and 1985 while the large metropolitan areas experienced a 2.5 percentage point increase.

The largest variations in employment occurred within age and sex categories. Differences within the physician age distribution are the most notable:

- Among physicians under 36 years of age, 47.0% were employees in 1985, compared to only 19.4% of their colleagues over age 55.
- The percentage of young physician employees increased by 5.3 points between 1983 and 1985, significantly more than any other age group.

Several possible explanations could account for these findings. First, younger physicians may be facing increasing competitive pressures upon entering traditional self-employed settings due to the larger physician supply. This, coupled with an increasing demand by alternative delivery systems, may be improving the financial attractiveness of employee positions. The larger percentage of younger physician employees may also be reflecting the first step in a common career sequence of initially obtaining an employee position followed by self-employment at a later point in their careers.

Female physicians were nearly twice as likely to be employees than their male colleagues. The breakdown by sex in Table 1 indicates that:

- only 23.5% of males were employees in 1985 compared to 45.4% of females, and
- female employees increased by 2.5 percentage points from 1983 to 1985 while male employees increased their percentage by only 1.9 points for the three year period.

At least part of this variation in employment status between the sexes can be explained by the lower average age of female compared to male physicians and specialty distribution differences by sex.

Physician Characteristics by Employment Status

The variations in physician income, utilization, supply, and pricing across employment status, examined in Table 2, are instructive for identifying the impact of changing employment patterns. These differences influence physicians' employment decisions and reflect the market responses to those decisions. Income differentials between self-employed and employee physicians are the most notable, with self-employed physicians earning nearly $38,000 more per year than employees in 1984. This striking difference in incomes, however, can largely be explained by variations in hours, weeks worked and utilization. For example, in 1984, self-employed physicians worked an average of one and one-half more weeks per year,

Table 2

Average Income, Utilization and Pricing
for Physicians by Employment Status, 1985

	Self-Employed Physicians	Employee Physicians
ANNUAL[a]		
Net Income	$118.6	$ 80.4
Weeks per Year	47.4	45.9
HOURS PER WEEK		
Total Activity	57.8	53.7
All Patient-Care	52.6	46.6
Office Visits	27.4	18.8
Hospital Visits	8.5	6.8
NUMBER PER WEEK		
Total Visits[b]	122.6	103.9
Office Visits	82.4	47.7
Visits on Hospital Rounds	27.7	23.8
FEE PER VISIT		
New Patient Office Visit	$48.90	$55.40
Old Patient Office Visit	27.30	38.80
Visit on Hospital Rounds	30.80	32.60

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[a] Annual net income and weeks are for 1984 obtained from 1985 SMS core survey. Net income in thousands of dollars before taxes but after expenses.

[b] Total Visits includes other categories than Office and Hospital Visits.

SOURCE: American Medical Association, SMS Surveys of nonfederal, patient-care physicians excluding residents, 1985.

See AMA, Socioeconomic Characteristics of Medical Practice, 1985 for detailed definitions of practice measures.

and in 1985,

- spent an average of six more hours per week engaged in patient care activities, and
- saw an average of 19 more patients per week than their employee colleagues.

Even with the greater utilization rates, self-employed physicians charged less per patient visit on average across all patient categories. These results may reflect the increasing competitiveness of the traditional physician market and the incentives for younger physicians in selecting their initial practice arrangement. Physicians opting for nontraditional employment in effect absorb the reduced patient base through lower incomes.

Another factor which partially accounts for the large income differentials reported in Table 2 is the variation in age distributions for self-employed and employee physicians. The tendency for younger, less experienced physicians to select non-traditional practice arrangements is reflected in these figures. In addition, specialty variations between employment groups would tend to reduce incomes for employee physicians, since higher return specialties such as surgeons are more likely to be self-employed.

Conclusions

The statistics presented in this report focus on patterns of physician employment status across various socioeconomic and practice characteristics, and the changes in these patterns over the period 1983 to 1985. The results indicate an increase in the share of employee physicians among the nonfederal, patient-care physician population excluding residents. The most distinctive pattern which emerges is the disproportionate representation by females and younger physicians in employee positions. Another, more subtle, observation is that the findings indicate a tendency towards a more uniform distribution of employee physicians across regions and locations, and wider disparities across some specialties, age, and sex. Finally, the average income, utilization and pricing results indicate substantial differences in income between employment groups; however, these differences may largely be explained by age, experience, and specialty variation between self-employed and employee physicians. Whether these findings indicate longer-term trends in physician employment status will require additional observations on practice patterns over time.

RECENT PATTERNS IN PHYSICIANS' MEDICARE VISITS AND REVENUE

by James W. Moser*

In the last few years there have been a number of significant changes in the way Medicare reimburses for hospital and physician services. In October 1983, hospitals began to be reimbursed under a prospective payment system, in which reimbursements depend mainly on the diagnosis and not on actual expenditures for treatment as under the old system. Next, a freeze on prevailing and customary physician fee screens came into effect on July 1, 1984 which has had the practical result of freezing actual reimbursements for many physicians. Finally, a "participating physician program" was begun on October 1, 1984 which has encouraged physicians to agree for one year to accept assignment of all Medicare claims.

These changes in the Medicare program might be expected to affect the quantity of services provided by physicians to Medicare beneficiaries and other patients. This report shows that from 1984 to 1985:

- the proportion of visits that were with Medicare patients did not change for the average physician;
- the proportion of gross physician revenue derived from Medicare sources declined; and
- there was a shift away from hospital visits toward other, non-office settings for Medicare patients.

The data used in this report are from the AMA's Socioeconomic Monitoring System (SMS), a semi-annual survey of physicians. Of particular interest are the periods before and after July 1, 1984 when the Medicare physician fee freeze went into effect. Consequently, data from two SMS surveys are employed — those conducted during the second quarters of 1984 and 1985. Slightly over 4000 non-federal, nonresident, patient-care physicians responded in each quarter; they represent a response rate of about sixty-two percent.

Medicare Visits and Physician Revenue

Table 1 presents information on the percentage of average weekly visits that are with Medicare patients and the proportion of gross physician revenue obtained from Medicare sources. Breakdowns are presented by specialty, geographic region, and years in which the physician has been in practice.

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Table 1

Share of Weekly Visits and Practice Revenue from Medicare Patients, by Specialty, Region and Experience, 1985 and Change from 1984

	Share of Visits With Medicare Patients		Share of Revenue from Medicare Sources	
	1985	Change from 1984	1985	Change from 1984
ALL PHYSICIANS	35.2%	*	23.1%	-0.6%
Specialty				
General/Family Practice	32.7	*	21.4	*
Medical Specialties	49.0	*	23.7	-2.5
Surgical Specialties	30.1	*	23.9	-1.7
Region				
Northeast	37.2	*	24.9	-3.9
North Central	36.5	3.0%	24.0	*
South	34.8	*	22.6	*
West	32.6	*	22.8	*
Experience				
1-9 years	35.3	*	22.3	-2.0
10-19 years	35.5	*	24.6	*
20-29 years	33.4	*	21.3	*
30 or more years	36.2	*	22.2	-3.4

1985 numbers are sample means for the second quarter. Percentage point change is from second quarter 1984 to second quarter 1985. Asterisk (*) indicates no statistically significant change.

SOURCE: Socioeconomic Monitoring System, AMA.

On the average, Medicare visits accounted for about one-third of all visits in 1985, a proportion that was unchanged from 1984. While about a third of the average physician's visits were with Medicare patients, less than one-fourth of his or her gross revenue came from Medicare sources. Furthermore, the proportion of revenue obtained from Medicare sources declined slightly over the year. This was a result of payments from non-Medicare patients rising faster than reimbursements on behalf of Medicare beneficiaries and is where the impact of the Medicare program changes discussed earlier is most apparent.

The breakdowns in Table 1 provide some insights on how physicians' experiences compare on the basis on several distinguishing criteria. For example, whereas different specialties had different average numbers of weekly Medicare visits, none of the specialties experienced a statistically significant change from 1984 to 1985. In contrast, the Medicare proportion of gross revenue declined for medical and surgical specialists but not for general or family practitioners. This was partly because medical and surgical specialists derived a larger proportion of their practice revenues from Medicare beneficiaries in the first place.

Weekly Medicare visits as a portion of total visits increased only in the North Central region. Physicians in the Northeast experienced a decrease in the proportion of their revenues from Medicare sources. These patterns suggest increases in Medicare visits but not total visits in the North Central region, and lower Medicare reimbursements relative to non-Medicare charges in the Northeast.

The Medicare variables considered here appear to be slightly affected by years of practice experience. In 1985 there were only small, insignificant differences between physicians with different years of experience. Between 1984 and 1985, the only significant changes were reductions in Medicare revenue shares for the youngest and oldest doctors.

Practice Settings of Visits

The total number of visits in 1985 was virtually unchanged from 1984 for the average physician. As noted above, neither was there a change in the Medicare proportion of total visits.

However, there were changes in the practice settings of visits for Medicare and non-Medicare patients. The SMS provides data on several categories of practice settings. Table 2 presents summary statistics for three types of practice settings, along with breakdowns by specialty, region, and experience.

Medicare patients were more likely to be seen in the hospital and less likely to be seen in the office compared to non-Medicare patients. This is due to the older age and greater severity of illness of the average Medicare patient.

From 1984 to 1985 the proportion of visits in the hospital declined for both Medicare and non-Medicare patients. Furthermore, the "other" location category -- including hospital emergency rooms and free-standing medical clinics -- increased for Medicare patients.

It does not appear that the Medicare fee freeze or the participating physician program, both which began in 1984 and continued through 1985, can explain this shift from inpatient to outpatient settings. Both programs affected physician fees but neither made a distinction between practice settings. Also, both explicitly affected Medicare reimbursements, but neither had a direct effect on non-Medicare charges.

An explanation that does account for the observed patterns is the Medicare Prospective Payment System (PPS). This program provides incentives for hospitals to shorten lengths of inpatient stays by Medicare

Table 2

Practice Setting of Visits for Medicare and Non-Medicare Patients, by Specialty, Region and Experience, 1985

	Medicare Patients			Non-Medicare Patients		
	Office	Hospital	Other Settings	Office	Hospital	Other Settings
ALL PHYSICIANS	56.0% (*)	28.3% (-2.4)	15.7% (2.3)	65.0% (*)	23.2% (-2.1)	11.8% (*)
By Specialty						
General and Family Practice	62.4	21.0	16.7	79.2	13.1	7.7
Medical specialties	49.3	37.1	13.5	63.4	28.7	8.0
Surgical specialties	62.6	31.3	6.1	64.5	29.6	5.9
By Region						
Northeast	54.2	29.9	15.9	63.8	24.9	11.3
North Central	56.1	28.7	15.2	66.0	23.4	10.6
South	57.1	29.6	13.2	65.3	24.8	9.9
West	55.8	24.6	19.7	65.0	19.3	16.2

1985 numbers are sample means for the second quarter. Parenthesized numbers are percentage point changes from second quarter 1984 to second quarter 1985. Asterisk (*) indicates no statistically significant change.

SOURCE: Socioeconomic Monitoring System, AMA.

patients below what they otherwise would have been. Over the year under study the coverage and impact of PPS increased, so the substitution of outpatient for outpatient settings is not surprising.

The 1985 data in Table 2 can be used to make some revealing comparisons in practice patterns. For instance:

- Medical and surgical specialists are much more likely to see a patient in a hospital setting than are general and family practitioners (GP/FPs).

- Surgical specialists have roughly the same percentage of visits in the hospital for Medicare and non-Medicare patients, while GPFPs' and medical specialists' hospital visits are more heavily weighted to Medicare patients.

- Regional differences in practice settings are minor, in general. The West is the exception, showing fewer hospital and greater "other" settings relative to the other region.

Unreported tests revealed very few statistically significant changes from 1984 to 1985 in the specialty and region breakdowns.

Summary and Conclusions

This report has examined data obtained before and after several significant changes in the Medicare program. The findings can be summarized:

- For the average physician, the proportion of weekly visits that were with Medicare patients did not change between 1984 and 1985. This finding held up after controlling for specialty, region and experience.

- Even though the Medicare share of visits was unchanged, the Medicare share of revenues decreased. This was particularly important for medical and surgical specialties, physicians with either very young or very old practices, and those residing in the Northeast.

- Visits associated with hospital inpatients declined significantly, while those associated with outpatients either increased or were unchanged.

- Medicare patients are less likely to be seen in a doctor's office, and more likely to be seen in the hospital or "other" location, compared to non-Medicare patients.

From the report we can conclude that, for the year under study, physicians experienced no change in Medicare visits relative to total visits even though the proportion of their practice revenues from Medicare declined. It is possible this is only a short-term effect due to the Medicare fee freeze. However, if the cap on Medicare reimbursements is extended or if Medicare reimbursements increase less than prices in the economy as a whole, it is likely there will probably be significant longer-term effects. These could include further substitution of outpatient for inpatient visits, reduced access to care for Medicare patients through a reduction in Medicare visits, and reductions in the number of physicians in the participating physician program.

TRENDS IN PHYSICIANS' PROFESSIONAL LIABILITY CLAIMS AND INSURANCE PREMIUMS

by Martin L. Gonzalez*

Claim and premium information for 1985 demonstrate that medical professional liability continues to be a problem for physicians. A comparison of physicians' claims experiences in 1985 with their experiences in two previous time periods indicates that, on average, the incidence of claims per physician has increased. Accompanying increases in claims are increases in professional liability insurance premiums. In this report, trends in both claims and premiums across specialty are examined. Specific findings of the analysis include the following:

- The average annual rate of claims increased to 10.1 per 100 physicians in 1985 from an average annual rate of 8.2 in the previous four years. Nearly nine out of every 100 physicians, including 21 of every 100 of those specializing in obstetrics/gynecology, incurred at least one claim filed against them in 1985.

- Professional liability insurance premiums averaged $10,500 in 1985. Among obstetricians/gynecologists, the average was $23,300. Since 1982, premiums have increased at an average annual rate of 21.9% for all physicians and 28.8% for obstetricians/gynecologists.

- When adjusted for inflation, about one-quarter of increased revenues of the average self-employed physician from 1982 to 1985 were used to pay for higher premiums. This suggests the important role of professional liability in contributing to increased expenditures on physicians' services.

The information included in this report is derived from the 1983 and 1986 AMA Socioeconomic Monitoring System (SMS) core surveys of nonfederal patient care physicians, excluding residents.

Trends in Professional Liability Claims

Analysis of the average annual rate of claims indicates that physicians were over three times more likely to incur a claim in 1985 than in years prior to 1981. The average annual rate of claims increased from 3.2 per 100 physicians in the years prior to 1981 to 8.2 during the period 1981 to 1984. Table 1 indicates that this rate increased to 10.1 claims per 100 physicians in 1985.

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*Staff Associate, AMA Department of Medical Practice Economics, Center for Health Policy Research.

Table 1

Average Incidence of Malpractice Claims
by Specialty

	Annual Claims Per 100 Physicians		
	1985	1981-1984	Prior to 1981
ALL PHYSICIANS*	10.1	8.2	3.2
Specialty			
General/Family Practice	5.5	6.1	3.3
Internal Medicine	6.3	6.4	1.9
Surgery	16.5	11.9	4.1
Pediatrics	7.6	4.4	2.3
Obstetrics/Gynecology	26.6	20.6	7.1
Radiology	12.9	7.1	2.4
Psychiatry	2.4	3.1	0.6
Anesthesiology	6.5	7.2	3.0

*Includes physicians in specialties not listed separately.

Among specialty groups, obstetricians/gynecologists were at the highest risk of incurring a claim in 1985, followed by surgeons, radiologists, and pediatricians. The rate of claims experienced by obstetricians/gynecologists increased from 20.6 annually per 100 physicians during the period 1981-84 to 26.6 in 1985. Surgeons incurred claims at an annual rate of 11.9 per 100 physicians during the period 1981-1984 and 16.5 per 100 physicians in 1985. Claims incurred by radiologists increased from an annual rate of 7.1 per 100 physicians during the period 1981-1984 to 12.9 in 1985. Pediatricians, previously a relatively low risk group, experienced an increase in their claims rate from 4.4 claims per 100 physicians per year in the four years prior to 1985 to 7.6 in 1985.

Not all specialties experienced an increase in their claims rate in 1985. Annual claims per 100 physicians declined, on average, for general and family practice physicians, psychiatrists, anesthesiologists, and internists in 1985. It cannot be ascertained from the available information what brought about these reductions in the rate of claims. However, two possible reasons are the implementation of practice changes designed to reduce risks and the avoidance of high risk cases by these physicians.

The incidence of liability claims is not confined to a small portion of the physician population. As Table 2 indicates, about 37 out of every 100 physicians have had at least one claim filed against them in their career. One-quarter incurred a claim at least once in the last five years and 8.5% incurred a claim in 1985. Almost two-thirds of all obstetricians/gynecologists have incurred at least one claim during their careers. Nearly one-half had a claim filed against them in the last five

Table 2

Physicians' Claim Experience in Three Time Periods by Specialty

	Percent of Physicians Sued at Least Once		
	Career	1981-1985	1985
ALL PHYSICIANS*	36.5	25.4	8.5
Specialty			
General/Family Practice	34.4	20.2	5.3
Internal Medicine	28.7	20.6	5.5
Surgery	49.5	36.4	13.4
Pediatrics	27.7	17.4	6.9
Obstetrics/Gynecology	64.0	48.3	21.0
Radiology	38.8	27.1	11.1
Psychiatry	15.8	10.3	2.4
Anesthesiology	35.6	26.3	6.5

*Includes physicians in specialties not listed separately.

years and one-fifth incurred a claim in 1985. Among other high risk specialties, 49.5% of surgeons, 38.8% of radiologists and 35.6% of anesthesiologists had at least one claim during their career. More than one-fourth of the physicians in these specialties has incurred a claim since 1981. This information indicates that a large number of physicians, especially those in the high risk specialties, are being impacted by professional liability.

Trends in Professional Liability Insurance Premiums

Average premiums paid by self-employed physicians from 1982 to 1985 are shown in Table 3. Premiums rose at a 21.9% annual rate during this period from $5,800 in 1982 to $10,500 in 1985. In contrast, total practice revenues increased by 6.4% annually over the same period.

The increase in premiums has been a major factor contributing to growth in expenditures on physicians' services. From 1982 to 1985, 24.8% of the average increase in revenues of self-employed physicians adjusted for inflation were devoted to higher premium expenses. The more rapid rate of increase in premiums relative to revenues has caused the share of revenues devoted to paying professional liability insurance premiums to increase from 3.1% in 1982 to 4.7% in 1985.

Table 3

Average Professional Liability Insurance Premium Paid and Total Practice Revenues Among Self-Employed Physicians, 1982 to 1985

	Insurance Premiums Paid*	Total Practice Revenues*	Premiums As Percent of Revenues
1982	$5.8	$188.1	3.1%
1983	7.1	201.8	3.5
1984	8.4	211.2	3.3
1985	10.5	226.6	4.6
1985 net of inflation (i.e., in 1982 dollars)	9.4	202.2	4.6
Amount of Increase			
1982-85	$4.7	$38.5	12.2%
1982-85 net of inflation	3.6	14.1	24.8
Annual Percent Increase			
1982-85	21.9%	6.4%	-
1982-85 net of inflation	18.0%	2.5%	-

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*In thousands of dollars.

Across specialties, there is some variation in premium levels (see Table 4). Specialty differences in average premiums tend to parallel differences in claims rates. However, the parallelism is not complete since premiums are affected by the severity of claims and other factors in addition to claims rates. At the two extremes, obstetricians/gynecologists and psychiatrists, the specialists who have the highest and lowest average claims rates respectively, also paid the highest and lowest premiums in 1985 ($23,300 and $2,600). Between these extremes, surgeons and anesthesiologists had somewhat higher than average premiums, while pediatricians had the lowest average premiums.

The rate of increase in premiums from 1982 to 1985 was substantial in all specialties. Even among psychiatrists, for whom premium growth was the least rapid, the overall rate of increase in premiums exceeded the average rate of inflation of 3.9% per year by over ten percentage points annually from 1982 to 1985. Among physicians in obstetrics/gynecology and general/family practice, the rate of increase in average premiums exceeded that of inflation by over twenty percent.

Table 4

Average Annual Professional Liability Insurance Premiums of Self-Employed Physicians by Specialty, 1982 and 1985

	Average Premiums (in thousands of dollars)		Annual Percent Increase
	1982	1985	
ALL PHYSICIANS*	$5.8	$10.5	21.9%
Specialty			
General/Family Practice	3.5	6.7	24.2
Internal Medicine	3.7	5.8	16.2
Surgery	9.9	16.6	18.8
Pediatrics	2.9	4.7	17.4
Obstetrics/Gynecology	10.9	23.3	28.8
Radiology	4.9	9.1	22.9
Psychiatry	1.7	2.6	14.1
Anesthesiology	10.1	18.0	21.2

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*Includes physicians in specialties not listed separately.

Summary and Conclusions

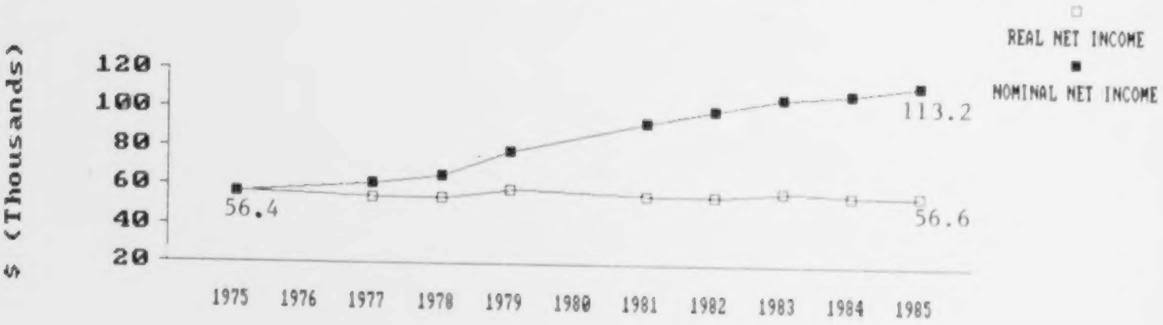
The results in this report indicate that the professional liability problem has not subsided. In 1985, both the average rate of liability claims and insurance premiums increased significantly. While some specialties have been impacted more heavily than others, the problem is affecting all physicians. One out of every four physicians have incurred a claim in the last five years and average annual premium increases have exceeded inflation by over ten percentage points in all specialties since 1982. Finally, liability insurance premium increases have been responsible for a major share of increased expenditures on physicians' services in the last several years. From 1982 to 1985, one-quarter of increased physician gross revenues adjusted for inflation have been devoted to paying higher premiums.

PHYSICIAN INCOME TRENDS, 1975-1985

by Martin L. Gonzalez*

FIGURE 1

NOMINAL AND REAL NET PHYSICIAN INCOME, 1975-1985



The earnings of physicians is an important indicator reflecting the impact of the economic environment of medicine on physicians. It is also a significant factor affecting the attractiveness of the medical profession and various practice decisions of potential and current physicians. This report provides an overview of trends and patterns in physicians' net income. Throughout the report, physician net income (or earnings, a term used synonomously with net income) is defined as physician income from medical practice after expenses and before taxes. Major results, reported in further detail below, are as follows:

- While the average net income of physicians reached $113,200 in 1985, net income adjusted for inflation was virtually the same as in 1975.
- The average net income of physicians relative to the average salary and wages of all full-time equivalent workers in the U.S. rose by 4% from 1975 to 1985.
- Although average physician net income was $113,200 for all physicians, 50% of physicians earned less than $95,000 and 25% earned less than $65,000 in 1985.

Physician net income data used in this report for the years 1981-1985 are from the 1982-86 AMA Socioeconomic Monitoring System core surveys. Physician net income data for the years 1975-1979 are from the 1976-1980 AMA Periodic Survey of Physicians. Adjustments to income for the effects of inflation are based on the all items Consumer Price Index for all urban consumers. Income data for full-time equivalent employees are from the Survey of Current Business conducted by the U.S. Bureau of Economic Analysis.

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Trends in Nominal and Real Net Income

Figure 1 compares average nominal and average real net income of all physicians, i.e., net income unadjusted and adjusted for the effects of inflation respectively, from 1975 to 1985. Real net income is expressed in terms of the purchasing power of a dollar in 1975. Nominal net income rose at an average annual rate of 7.2% during this period. However, real net income increased at a rate of less than one-tenth of a percent. In other words, net income rose at approximately the rate of inflation. This trend was relatively consistent over the ten-year period.

A comparison of nominal and real net incomes in 1975 and 1985 by specialty is shown in Table 1. In 1985, the specialists with the highest (nominal) average earnings were surgeons, radiologists and anesthesiologists. The lowest average earnings were experienced by pediatricians, general/family practitioners and psychiatrists. From 1975 to 1985, the results indicate that:

- Nominal income increased among all specialties during the period 1975 to 1985. However, only surgeons, radiologists and anesthesiologists experienced increases in real income.
- In real terms, net income declined among physicians in general and family practice, internal medicine, pediatrics, obstetrics/gynecology and psychiatry.

Table 1

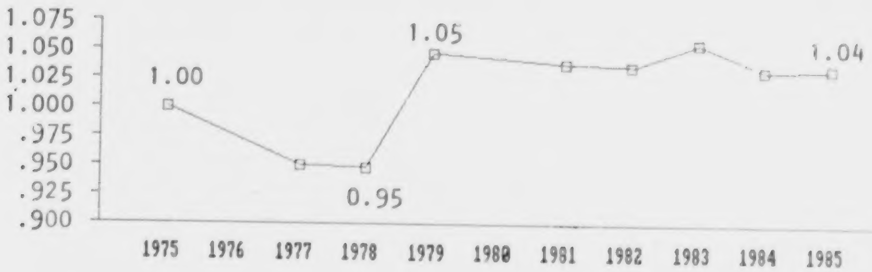
Annual Percent Change in Average Physician Net Income After Expenses Before Taxes (in thousands of dollars), 1975-1985

	Average Net Income			Annual Percent Change	
	1975	1985 Nominal	1985 Real*	Nominal	Real
ALL PHYSICIANS	$56.4	$113.2	$56.6	7.2%	0.0%
Specialties					
General/Family Practice	45.4	77.9	38.9	5.5	-1.5
Internal Medicine	57.0	101.0	50.5	5.9	-1.2
Surgery	68.2	155.4	77.7	8.6	1.3
Pediatrics	44.3	77.1	38.6	5.7	-1.4
Obstetrics/Gynecology	63.3	122.7	61.4	6.8	-0.3
Radiology	75.2	150.8	75.4	7.2	0.0
Psychiatry	44.8	88.6	44.3	7.1	-0.1
Anesthesiology	57.1	140.2	70.1	9.4	2.1

*In 1975 dollars.

FIGURE 2

PHYSICIAN INCOME RELATIVE TO INCOME OF ALL WORKERS, BASE=1975*



* Other workers represent all full-time equivalent employees in U.S. industries. Income for these employees includes executives' compensation, bonuses, tips, and payments in kind. Base year 1975 was set equal to one. Deviations from one reflect changes in relative income since 1975.

Comparison of Physician Net Income and Income of All Workers, 1975-1985

Trends in physician income were similar to those of other U.S workers during the period 1975 to 1985. Overall, nominal income for full time equivalent employees rose at an average annual rate of 6.8% (compared to 7.2% for physicians). However in real terms, their income declined at an rate of less than one-half percent (compared to physician income which increased by about one-half percent).

Average physician net income relative to the average income per full-time equivalent employee (averaged across all United States industries) is plotted in Figure 2 for the years 1975-1985. The relative earnings are expressed in index form, with the index fixed at 1.000 in 1975, in order to provide a base with which to compare relative incomes in the years following 1975.

From 1975 to 1978, physician income fell relative to that of other workers. In 1979, the trend reversed itself as physician income rose relative to earnings of other workers. Since 1979, the ratio of incomes has been stable indicating that both groups have had relatively the same level of success in maintaining their real income levels.

The Distribution of Physician Net Income -- 1985

Previous analyses in this report have focused on average physician net income. However, average income can be misleading if taken as representative of typical physician earnings because of the influence of incomes at the high end of distribution. To provide a better perspective on the distribution of income among physicians, net income at the twenty-fifth, fiftieth (the median), and seventy-fifth percentiles are presented in Table 2. Highlights of the analysis include:

Table 2

Distribution of Physician Net Income (in thousands of dollars)
After Expenses Before Taxes, 1985

	Mean	25th Percentile	50th Percentile	75th Percentile
ALL PHYSICIANS	$113.2	$65.0	$95.0	$140.0
Specialty				
General/Family Practice	77.9	50.0	70.0	95.0
Internal Medicine	101.0	60.0	89.0	121.0
Surgeons	155.4	90.0	130.0	197.0
Pediatrics	77.1	50.0	70.5	95.0
Obstetrics/Gynecology	122.7	78.0	117.5	158.3
Radiology	75.2	90.0	150.8	200.0
Psychiatry	88.6	55.0	80.0	105.0
Anesthesiology	140.2	98.0	128.0	169.3

- Comparison of the mean versus median income indicates that a majority of physicians earn less than the average earnings level. Although average net income was $113,200 for all physicians, 50% of physicians earned less than $95,000.

- Mean net income was larger than median income for all specialties. However, the ranking of mean income among specialties was relatively similar to that of the median.

- At the upper end of the income distribution 25% of physicians earned over $140,000 in 1975; at the lower end, 25% of physicians had incomes of $65,000 and less.

- Income levels were highest among radiologists. 50% of radiologists earned over $150,800; 25% earned over $200,000. They were lowest among pediatricians and general and family practice physicians. 50% of pediatricians and general and family practitioners earned less than $70,500. 25% earned less than $50,000 and only 25% earned more than $95,000.

Summary and Conclusions

Analysis of trends in nominal and real physician net income indicates that physician income just kept pace with inflation during the period 1975-1985. During this period, nominal net income increased at an average annual rate of 7.2%. In real terms, this amounted to a growth rate of less than one-half percent. Income trends among other workers were similar during this period except for the period 1975 to 1978 when physician income declined relative to that of other workers.

Although physician net income rose in nominal terms for all specialties, only surgeons, radiologists and anesthesiologists experienced increases in real net income during the period 1975 to 1985. Real net income declined among physicians in general and family practice, internal medicine, pediatrics, obstetrics/gynecology and psychiatry.

Presentation of physician income at the twenty-fifth, fiftieth, and seventy-fifth percentiles provides an enhanced perspective of the distribution of physician earnings. Most physicians earned less than the mean income for their specialty group. Average income for all physicians was $113,200 in 1985, however, some physicians earned less than $95,000.

ADJUSTING SMS RESULTS TO ACCOUNT FOR DIFFERENTIAL RESPONSE RATES

William D. Marder and Sara L. Thran*

The AMA's Socioeconomic Monitoring System (SMS) is designed to measure key indicators of the changing medical practice environment in a cost-effective fashion. Cost-effectiveness demands that only a limited percentage of the physician population be contacted each year. Specifically, SMS is based on a random sample drawn from the AMA Physician Masterfile's enumeration of all nonfederal patient care physicians excluding resident physicians. As such, SMS shares with all sample surveys the limitations that grow out of finite sample size. Thus, SMS is designed to produce reliable estimates for the ten specialty groups and nine Census divisions defined in Appendix C of this volume, but is less well suited to provide estimates of the practice environment for more detailed subspecialty or geographic breakdowns. The program is designed to provide estimates of both the yearly level of each indicator as well as measures of change over time.

By design, SMS should measure the changing environment accurately but with some margin for error. There are some sources of imprecision that occur in survey work that can increase the margin for error and introduce bias into the estimates. Variations in response rates across known subpopulations can significantly reduce the ability of a sample survey to describe accurately the changing experience of the population of interest. For example, high response rates from AMA members and low response rates for nonmembers could reduce SMS's ability to represent the experience of the average physician if the experiences of these groups differ.

Even with relatively high response rates, variations in the rates may be sufficient to cause problems in reliably reporting the experiences of physicians. This report discusses the record of the SMS program in achieving representative samples and reports results of applying standard statistical techniques to correct for this type of problem. Plans for continued study of the best methods for reporting the results of the SMS program are also discussed.

Since its inception in late 1981, the SMS program has been continuously scrutinized and improved as our experience with this telephone survey program has increased. During the past year, the AMA Center for Health Policy Research created a staff committee chaired by Sara Thran

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Thanks are due to the members of the SMS Weighting Committee chaired by Ms. Thran: Christine Cannella, William Custer, Martin Gonzalez, Richard Willke from the Center, and Roger Brown from the Department of Survey Design and Analysis.

with members from each of the departments in the Center as well as the AMA Department of Survey Design and Analysis. This committee was charged with investigating weighting and imputation methods that are frequently used to adjust survey response data to better describe the experience of the underlying population of interest. The committee was asked to recommend a course of action for data reporting conventions in the SMS program.

In September 1986, the committee presented an interim report to the research staff at the AMA. The report reviewed the problems of unit non-response and item non-response for key variables collected by SMS. Unit non-response occurs when no information at all is collected from a sampled physician because the physician is unlocatable, can not be contacted, or refuses to be interviewed. Item non-response occurs when a physician agrees to be interviewed but chooses not to answer a specific item within the survey. Weighting, imputation, and regression techniques were applied to SMS data and results were compared. There are no clear criteria that permit one to choose the statistical correction most likely to represent the true population value for any indicator. In the case of the SMS variables analyzed by the committee the results for weighting, imputation, and regression corrections for non-response were closer to each other than to the unweighted data traditionally reported in the Socioeconomic Characteristics of Medical Practice. The committee recommended that serious consideration should be given to reporting results based on weighted data. It suggested that the weights be based on a limited number of physician characteristics known from Masterfile data and should correct for unit non-response.

This study reports initial results obtained from implementing the recommendations of the committee. Weights were developed for the spring surveys (these are known as "core" surveys) of the last three years. The weights were derived by first dividing the AMA Physician Masterfile population (using the year-end file from the previous year) and the survey respondents into 200 cells defined by specialty (10 categories), years since M.D. (5 categories), AMA membership status (2 categories), and board certification status (2 categories). Unit response weights were constructed as the ratio of the number of physicians in the population to the number of SMS respondents in each cell. Second, an eligibility correction was employed. Active, non-federal, patient care physicians (excluding residents) are eligible for SMS. The eligibility correction divides the subset of the SMS population for which eligibility is known into 40 cells (according to years in practice, AMA membership, sex, and board certification) and calculates the proportion of physicians in each cell who are eligible. This defines the eligibility weight. The overall weight applied for a given respondent is the product of a unit response weight and an eligibility weight.

Table 1 contains the information for the 1986 core survey that led to the study of weighting. Each SMS survey has two components, an initial sample and an annual reinterview component. Table 1 shows the response rates and sample sizes for these two groups of respondents. The reinterview component has a much higher response rate and smaller variations among relevant subpopulations than the initial sample. By generally

Table 1

Response Rates for SMS Survey by Demographic and Practice Characteristics, 1986

	Response Rate		Sample Size	
	Initial	Reinterview	Initial	Reinterview
All Sampled Eligible Physicians	60.1%	71.8%	4336	1962
Years since M.D.				
0-9	67.1***	69.1+	738	304
10-19	58.8	70.7	1511	687
20-29	56.8	72.5	1081	517
30-39	58.4	71.0	683	317
40 or more	65.0	81.8	323	137
Specialty				
General/Family Practice	58.4***	67.4+	653	316
Internal Medicine	54.3	70.2	927	332
Surgery	56.6	68.6	962	395
Pediatrics	68.0	73.2	278	153
Obstetrics/Gynecology	57.6	73.0	321	137
Radiology	76.2	80.9	244	131
Psychiatry	58.9	76.3	304	152
Anesthesiology	71.2	73.2	198	108
Pathology	78.2	82.1	110	56
Other	62.5	72.5	339	182
Board Certification				
Yes	60.1	71.3	3027	1308
No	60.1	72.8	1309	654
AMA Membership				
Member	63.7***	73.2	2167	1018
Nonmember	56.5	70.2	2169	944

+p < .10,
***p < .001

accepted statistical criteria (i.e. 95% confidence intervals) there are no significant variations in response rates among the reinterview group contacted in 1986.

The initial sample response rate of 60.1% compares favorably with the Health Care Financing Administration's (HCFA) Physician Practice Cost and Income Survey of 1984-85. The HCFA survey achieved an overall response rate of 68% with a much longer field period and much larger budget. Of greater concern are the statistically significant variations in response rate reported in Table 1. These subpopulations represent the dimensions which the Weighting Committee found to be historically the most troublesome in the program. The two areas of greatest concern are the variations by specialty and membership status. Lower response rates in internal medicine and surgery may reflect the "busyness" of physicians in these fields and may introduce downward biases into estimates of hours worked, patient visits, and physician's incomes. Similarly, AMA membership status may be correlated with variables of interest. Survey efforts have been mounted to limit these variations in response rates. The 7.2 point spread in response rates of members and non-members is testimony to the effectiveness of these efforts. Nonetheless, significant differences remain and statistical techniques can be applied to the data to adjust the estimates.

Table 2 reports the mean value for the weight described above. Including the eligibility weighting factor results in an average weight below one. The subpopulations reported in Table 2 are the most detailed breakdowns reported in the Socioeconomic Characteristics of Medical Practice. Within these cells the average value for the weighting variable is highest for physicians in internal medicine who are between 46 and 55 years old. This is consistent with the variations reported in Table 1. The lowest value for the weighting variable is .48 reported for pathologists in the mountain Census division.

The remaining tables report results of applying weights for three key indicators of medical practice: total professional hours worked per week, total patient visits per week, and net income from medical practice after expenses but before taxes. Each table contains mean values for all physicians and for the ten specialty groups. Unweighted data comparable to that reported in the reference tables of this volume are reported in the upper half of each table. Weighted estimates are reported in the lower half of the table. The results are displayed for the SMS core surveys conducted in each year between 1984 and 1986.

Annual percentage changes from one year to the next are also shown in Tables 3 to 5. These changes can be affected by the changing composition of the physician population and the survey respondents. Weighting to reflect the special characteristics of each group of respondents may be particularly helpful in this dimension. In addition to the levels and changes of indicators, Tables 3 to 5 report the coefficients of variation (c.v.) of the 1986 core survey level of the estimate and of the absolute value of the year-to-year percentage change. The coefficient of variation is defined as the ratio of the standard deviation of a variable to its mean. Higher c.v.'s are associated with greater divergence of the level estimates around their average value or greater year-to-year variation in the growth rate.

Comparing the weighted and unweighted total hours data for all physicians, we find that weighting the data following the strategy described above results in a longer estimated work week than would be indicated by the unweighted mean. For the all physician category the weighted year-

TABLE 2. MEAN WEIGHTS FOR 1986 CORE SURVEY

	ALL PHYSICIANS	SPECIALTY								
		GP/FP	INT MED	SURG	PED	OB/GYN	RAD	PSYCH	ANES	PATH
ALL PHYSICIANS	0.85	0.84	0.98	0.88	0.81	0.84	0.64	0.84	0.76	0.64
CENSUS DIVISION										
NEW ENGLAND	0.90	0.94	1.02	0.87	0.84	0.90	0.68	0.93	0.82	0.68
MIDDLE ATLANTIC	0.86	0.86	0.99	0.87	0.84	0.83	0.65	0.81	0.79	0.66
EAST NORTH CENTRAL	0.85	0.83	0.95	0.90	0.76	0.81	0.69	0.83	0.76	0.65
WEST NORTH CENTRAL	0.80	0.81	0.94	0.82	0.85	0.95	0.60	0.76	0.67	0.62
SOUTH ATLANTIC	0.86	0.87	0.99	0.90	0.85	0.82	0.63	0.84	0.79	0.61
EAST SOUTH CENTRAL	0.83	0.85	0.91	0.87	0.78	0.80	0.60	0.85	0.71	0.64
WEST SOUTH CENTRAL	0.81	0.78	0.99	0.89	0.69	0.77	0.63	0.76	0.65	0.62
MOUNTAIN	0.87	0.84	0.99	0.97	0.84	0.98	0.70	0.85	0.75	0.48
PACIFIC	0.86	0.87	1.01	0.85	0.85	0.85	0.62	0.87	0.77	0.71
TYPE OF PRACTICE										
SOLO	0.86	0.85	0.99	0.87	0.86	0.82	0.64	0.80	0.76	0.63
NON-SOLO	0.83	0.82	0.98	0.88	0.78	0.85	0.63	0.86	0.75	0.63
LOCATION										
NONMETROPOLITAN	0.85	0.83	0.98	0.88	0.78	0.86	0.68	0.83	0.78	0.71
METROPOLITAN										
LESS THAN 1,000,000	0.84	0.83	0.97	0.89	0.79	0.81	0.65	0.82	0.74	0.62
1,000,000 AND OVER	0.86	0.86	0.99	0.88	0.84	0.85	0.62	0.85	0.76	0.64
EMPLOYMENT STATUS										
SELF-EMPLOYED	0.84	0.83	0.98	0.87	0.81	0.84	0.61	0.81	0.76	0.61
EMPLOYEE	0.88	0.87	0.98	0.96	0.82	0.83	0.73	0.90	0.73	0.68
PHYSICIAN AGE										
LESS THAN 36 YEARS	0.88	0.79	0.96	0.92	0.78	0.90	0.77	1.00	0.63	0.85
36-45 YEARS	0.84	0.80	1.02	0.83	0.82	0.84	0.61	0.88	0.74	0.61
46-55 YEARS	0.89	0.90	1.07	0.95	0.78	0.88	0.59	0.92	0.89	0.66
56-65 YEARS	0.85	0.96	0.91	0.85	0.88	0.83	0.64	0.72	0.86	0.60
66 OR MORE YEARS	0.76	0.70	0.75	1.00	0.88	0.54	1.10	0.63	0.51	0.63

Table 3

Mean Number of Hours in Professional Activities Per Week: Weighted and Unweighted

	1984 Mean	1985 Mean	1986 Mean	1984/85 % Change	1985/86 % Change	C.V. Level 1986	C.V. % Change
Unweighted							
ALL PHYSICIANS	57.4	56.8	57.6	-.99%	1.32%	.30	.20
General/Family Practice	58.4	58.6	57.7	.27%	-1.54%	.32	.99
Internal Medicine	59.5	58.5	59.9	-1.63%	2.34%	.28	.25
Surgery	57.3	56.8	58.3	-.84%	2.57%	.31	.72
Pediatrics	57.1	56.0	58.9	-1.79%	5.09%	.30	.68
Obstetrics/Gynecology	60.1	60.2	62.1	.07%	3.17%	.29	1.36
Radiology	56.3	56.4	56.6	.11%	.36%	.29	.76
Psychiatry	51.5	50.9	49.2	-1.13%	-3.22%	.30	.68
Anesthesiology	60.6	58.8	59.6	-2.95%	1.24%	.28	.58
Pathology	51.3	51.6	50.7	.45%	-1.63%	.26	.80
Other	55.9	54.6	55.7	-2.18%	1.87%	.29	.11
Weighted							
ALL PHYSICIANS	57.5	57.1	57.6	-.71%	.97%	.28	.21
General/Family Practice	57.8	58.6	57.7	1.44%	-1.54%	.29	.05
Internal Medicine	59.7	58.7	60.1	-1.76%	2.35%	.28	.20
Surgery	57.4	56.8	58.2	-1.06%	2.36%	.29	.54
Pediatrics	56.9	56.3	58.1	-1.11%	3.34%	.27	.71
Obstetrics/Gynecology	60.7	61.5	62.9	1.40%	2.24%	.27	.33
Radiology	56.1	56.2	55.9	.20%	-.64%	.23	.75
Psychiatry	51.6	51.1	49.2	-1.05%	-3.72%	.28	.79
Anesthesiology	60.1	58.5	59.4	-2.73%	1.51%	.25	.41
Pathology	50.8	51.4	50.3	1.02%	-2.04%	.21	.47
Other	56.1	54.5	55.6	-2.91%	2.07%	.27	.24

to-year growth rate is marginally less stable, if stability can be measured by the c.v. of the absolute values of the growth rates. Neither of these conclusions is universally supported by examination of the

specialty subgroups. Weighted means are frequently lower than unweighted means, and for seven of the specialty groups the year-to-year c.v. in growth rate is larger for the unweighted than the weighted data.

Table 4 has a similar structure to Table 3 but because patient visits are not relevant measures for some specialists the all physician category is based on the six specialty groups included in the table. Average weighted total visits for all physicians is lower than the unweighted estimate. In 1986, the c.v. for all physicians is also lower for the

Table 4

Mean Number of Total Patient Visits Per Week: Weighted and Unweighted

	1984 Mean	1985 Mean	1986 Mean	1984/85 % Change	1985/86 % Change	C.V. Level 1985	C.V. % Change
Unweighted							
ALL PHYSICIANS	120.4	118.4	118.0	-1.64%	-.35%	.59	.92
General/Family Practice	143.6	139.0	138.2	-3.25%	-.53%	.53	1.02
Internal Medicine	106.9	104.2	110.7	-2.48%	6.19%	.65	.61
Surgery	111.2	108.9	105.3	-1.99%	-3.34%	.55	.36
Pediatrics	131.4	132.2	135.0	.56%	2.18%	.56	.84
Obstetrics/Gynecology	115.9	110.1	111.9	-5.11%	1.68%	.46	.71
Other	118.8	119.2	113.8	.34%	-4.48%	.68	1.22
Weighted							
ALL PHYSICIANS	118.1	117.1	117.2	-.86%	.12%	.55	1.07
General/Family Practice	139.0	138.1	138.6	-.59%	.36%	.48	.35
Internal Medicine	107.8	105.2	110.8	-2.46%	5.41%	.64	.53
Surgery	110.1	108.2	105.5	-1.76%	-2.44%	.54	.23
Pediatrics	128.7	130.9	131.1	1.73%	.08%	.49	1.28
Obstetrics/Gynecology	115.5	112.1	114.4	-2.88%	2.04%	.41	.24
Other	116.1	118.0	111.5	1.63%	-5.55%	.61	.77

weighted data than the unweighted estimate, an observation that holds for each specialty group as well. The year-to-year growth rates display greater variation in the unweighted data than the weighted estimates, except for pediatrics.

Table 5 reports results from weighting the responses on physician net income from medical practice, after expenses but before taxes. Weighted income is lower than unweighted for 1983 and 1985 and is virtually the same in 1984. This pattern is found for all physicians as well as the specialty-specific categories. Once again there is less year-to-year variance evident for the weighted data than the unweighted estimates.

The income question has one of the lower item response rates on any survey. This is true for SMS as well. Item response rates for income were 74.8%, 76.7%, and 76.5% for the years examined here. The weighting strategy reported in this paper makes no adjustment for differential item response rates. The committee that studied this issue implemented a more complex weighting strategy with such an adjustment for the 1983 income data. A comparison of the simple and complex strategies revealed no significant differences.

Table 5

Mean Physician Net Income After Expenses Before Taxes: Weighted and Unweighted

	1983 Mean	1984 Mean	1985 Mean	1983/84 % Change	1984/85 % Change	C.V. Level 1985	C.V. % Change
Unweighted Data							
ALL PHYSICIANS	106.3	108.4	113.2	1.95%	4.40%	.66	.55
General/Family Practice	68.5	71.1	77.9	3.79%	9.63%	.55	.62
Internal Medicine	93.3	103.2	101.0	10.57%	-2.16%	.66	.93
Surgery	145.5	151.8	155.4	4.37%	2.33%	.65	.43
Pediatrics	70.7	74.5	77.1	5.34%	3.43%	.52	.31
Obstetrics/Gynecology	119.9	116.2	122.7	-3.06%	5.57%	.53	.41
Radiology	148.0	139.8	150.8	-5.51%	7.85%	.48	.25
Psychiatry	80.0	85.5	88.6	6.94%	3.62%	.56	.44
Anesthesiology	144.7	145.4	140.2	.47%	-3.56%	.50	1.08
Pathology	117.7	118.0	127.0	.18%	7.67%	.52	1.35
Other	93.9	95.2	106.1	1.48%	11.35%	.59	1.09
Weighted Data							
ALL PHYSICIANS	104.3	108.5	111.6	4.03%	2.84%	.63	.24
General/Family Practice	66.9	71.7	77.4	7.16%	7.99%	.51	.07
Internal Medicine	94.6	104.2	101.4	10.24%	-2.77%	.65	.81
Surgery	144.6	150.9	154.0	4.39%	2.05%	.63	.51
Pediatrics	71.0	73.8	75.9	4.01%	2.89%	.47	.23
Obstetrics/Gynecology	117.3	118.8	124.1	1.23%	4.49%	.47	.81
Radiology	144.3	139.5	143.6	-3.32%	2.93%	.41	.09
Psychiatry	79.3	85.2	86.9	7.46%	1.99%	.52	.82
Anesthesiology	141.7	143.9	142.6	1.57%	-.88%	.44	.39
Pathology	114.4	115.2	123.8	.73%	7.44%	.43	1.16
Other	93.9	94.6	103.6	.75%	9.52%	.57	1.21

This paper reports the results to-date of an AMA study of the options available in reporting results from the Socioeconomic Monitoring System. A simple weighting strategy that makes use of the information available in the AMA's Physician Masterfile was examined for the years 1984 to 1986. The results indicate that weighting can have a significant effect on the picture of medical practice that is told by the data collected as part of the SMS program. The Center for Health Policy Research will continue to study this issue in the coming year. The costs of implementing a weighting strategy, the ability to implement a consistent strategy for the historical data from the 1970s, and consideration to alternative weighting constructs will all be taken into account. Depending on the outcome of this further study, the Center may release a revised time series of estimates, based on weighted means from historical surveys.

Socioeconomic Characteristics of Medical Practice 1986

DETAILED TABULATIONS

TABLE 1. MEAN NUMBER OF WEEKS PRACTICED, 1985*

	ALL PHYSICIANS**	SPECIALTY								
		GP/FP	INT MED	SURG	PED	OB/GYN	RAD	PSYCH	ANES	PATH
ALL PHYSICIANS	47.5	48.5	47.8	47.3	48.0	48.0	45.3	47.6	46.4	47.4
CENSUS DIVISION										
NEW ENGLAND	46.9	48.7	47.2	46.4	46.9	47.8	45.0	47.5	45.9	.
MIDDLE ATLANTIC	47.6	48.2	48.2	47.4	48.4	47.4	45.9	47.3	46.4	48.0
EAST NORTH CENTRAL	47.1	47.9	47.4	47.3	47.3	47.4	45.7	47.6	44.9	46.6
WEST NORTH CENTRAL	47.1	47.9	46.9	47.1	47.8	47.3	44.6	47.1	46.2	.
SOUTH ATLANTIC	47.9	48.9	48.0	47.7	48.6	48.6	44.7	47.5	47.3	47.5
EAST SOUTH CENTRAL	48.1	49.0	47.9	48.1	48.5	48.0	48.2	.	47.1	.
WEST SOUTH CENTRAL	48.1	49.1	48.0	47.5	48.8	48.6	46.2	48.1	48.1	47.9
MOUNTAIN	47.6	48.9	48.7	47.1	48.0	47.9	43.5	48.1	45.9	.
PACIFIC	47.3	47.9	48.0	46.7	47.7	48.1	44.9	47.6	46.9	47.9
TYPE OF PRACTICE										
SOLO	48.2	48.9	48.3	47.8	48.8	48.6	47.9	47.6	46.8	48.1
NON-SOLO	47.1	48.0	47.5	46.8	47.7	47.4	45.0	47.4	46.3	47.2
LOCATION										
NONMETROPOLITAN	48.2	48.7	47.1	47.8	48.5	48.9	47.3	.	48.0	48.5
METROPOLITAN										
LESS THAN 1,000,000	47.4	48.6	47.9	47.1	48.1	47.6	45.0	47.7	46.9	46.7
1,000,000 AND OVER	47.5	48.1	47.9	47.4	47.9	48.1	45.3	47.5	45.8	47.9
EMPLOYMENT STATUS										
SELF-EMPLOYED	47.6	48.6	47.9	47.3	48.3	48.1	45.2	47.5	46.7	47.2
EMPLOYEE	47.3	48.0	47.5	47.1	47.6	47.0	45.6	47.6	45.7	47.6
PHYSICIAN AGE										
LESS THAN 36 YEARS	48.0	48.4	47.9	48.0	48.4	48.6	46.1	48.0	47.2	46.8
36-45 YEARS	47.5	48.2	48.1	47.3	48.2	48.1	45.4	47.7	46.4	47.4
46-55 YEARS	47.3	48.8	47.8	46.9	48.3	47.9	44.9	47.5	45.8	47.3
56-65 YEARS	47.4	48.7	47.3	47.3	46.7	47.5	45.0	47.2	46.3	47.6
66 OR MORE YEARS	47.7	48.1	47.7	47.7	48.2	47.5	47.2	47.6	46.6	.

SOURCE: 1986 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**INCLUDES PHYSICIANS IN SPECIALTIES NOT LISTED SEPARATELY.
.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 1 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF WEEKS PRACTICED, 1985*

	ALL PHYSICIANS**	SPECIALTY								
		GP/FP	INT MED	SURG	PED	OB/GYN	RAD	PSYCH	ANES	PATH
ALL PHYSICIANS	0.05	0.11	0.13	0.10	0.15	0.15	0.23	0.13	0.24	0.24
CENSUS DIVISION										
NEW ENGLAND	0.23	0.67	0.51	0.68	1.32	0.77	0.69	0.35	0.94	.
MIDDLE ATLANTIC	0.11	0.30	0.20	0.23	0.30	0.39	0.49	0.30	0.43	0.58
EAST NORTH CENTRAL	0.14	0.34	0.45	0.23	0.33	0.47	0.42	0.30	0.83	0.56
WEST NORTH CENTRAL	0.19	0.49	0.47	0.33	0.48	0.74	0.59	0.52	0.72	.
SOUTH ATLANTIC	0.11	0.19	0.28	0.21	0.29	0.33	0.62	0.38	0.49	0.73
EAST SOUTH CENTRAL	0.17	0.31	0.33	0.36	0.39	0.65	0.84	.	0.74	.
WEST SOUTH CENTRAL	0.14	0.26	0.51	0.27	0.36	0.33	0.88	0.45	0.42	0.67
MOUNTAIN	0.19	0.30	0.36	0.39	0.38	0.75	1.34	0.48	1.02	.
PACIFIC	0.13	0.34	0.23	0.32	0.46	0.32	0.56	0.28	0.58	0.57
TYPE OF PRACTICE										
SOLO	0.08	0.15	0.24	0.15	0.22	0.22	0.58	0.16	0.40	0.68
NON-SOLO	0.06	0.17	0.13	0.14	0.18	0.20	0.24	0.20	0.30	0.25
LOCATION										
NONMETROPOLITAN	0.14	0.16	0.55	0.41	0.33	0.39	0.88	.	0.67	0.75
METROPOLITAN										
LESS THAN 1,000,000	0.08	0.14	0.23	0.15	0.23	0.25	0.35	0.22	0.27	0.37
1,000,000 AND OVER	0.07	0.26	0.15	0.14	0.21	0.21	0.29	0.15	0.42	0.31
EMPLOYMENT STATUS										
SELF-EMPLOYED	0.06	0.13	0.15	0.11	0.16	0.17	0.26	0.16	0.23	0.32
EMPLOYEE	0.10	0.25	0.21	0.22	0.30	0.36	0.45	0.21	0.65	0.36
PHYSICIAN AGE										
LESS THAN 36 YEARS	0.14	0.26	0.43	0.36	0.32	0.30	0.70	0.29	0.43	1.09
36-45 YEARS	0.07	0.17	0.15	0.15	0.18	0.25	0.30	0.19	0.45	0.34
46-55 YEARS	0.10	0.22	0.24	0.20	0.23	0.30	0.46	0.21	0.45	0.45
56-65 YEARS	0.12	0.19	0.26	0.23	0.67	0.40	0.58	0.33	0.55	0.57
66 OR MORE YEARS	0.22	0.51	0.57	0.41	0.69	0.72	1.31	0.50	1.08	.

SOURCE: 1986 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**INCLUDES PHYSICIANS IN SPECIALTIES NOT LISTED SEPARATELY.
.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 2. MEAN NUMBER OF WEEKS PRACTICED PER YEAR, 1975, 1977-79, 1981-85*

	1975	1977	1978	1979	1981	1982	1983	1984	1985
ALL PHYSICIANS	47.2	47.0	47.4	46.9	46.6	46.7	46.8	47.0	47.5
SPECIALTY									
GENERAL/FAMILY PRACTICE	47.4	47.2	47.8	47.3	47.2	46.9	47.3	47.4	48.5
INTERNAL MEDICINE	47.2	47.1	47.2	46.7	46.2	46.7	46.8	47.1	47.8
SURGERY	46.9	47.0	47.0	46.7	46.6	46.5	46.9	47.2	47.3
PEDIATRICS	47.3	47.2	48.2	46.8	46.8	47.1	47.3	47.4	48.0
OBSTETRICS/GYNECOLOGY	47.3	47.4	47.9	47.5	46.6	47.2	47.2	46.8	48.0
RADIOLOGY	47.4	47.2	46.8	46.5	46.1	46.1	45.2	45.3	45.3
PSYCHIATRY	47.4	46.9	47.7	47.0	47.1	47.2	47.1	47.1	47.6
ANESTHESIOLOGY	46.2	45.9	45.8	46.5	46.0	45.8	45.5	45.5	46.4
CENSUS DIVISION									
NEW ENGLAND	47.2	46.4	46.8	46.5	46.3	46.1	46.6	47.2	46.9
MIDDLE ATLANTIC	47.0	47.0	47.3	46.7	46.5	46.9	46.9	46.3	47.6
EAST NORTH CENTRAL	46.4	46.4	47.1	46.4	46.3	46.7	46.6	46.8	47.1
WEST NORTH CENTRAL	47.5	47.1	47.4	47.3	46.1	46.2	45.9	47.2	47.1
SOUTH ATLANTIC	47.6	47.4	47.8	47.5	47.2	47.0	47.0	47.2	47.9
EAST SOUTH CENTRAL	47.1	47.7	47.9	47.5	47.3	47.7	48.1	47.4	48.1
WEST SOUTH CENTRAL	47.4	47.6	48.0	47.4	47.2	46.8	47.5	47.7	48.1
MOUNTAIN	47.3	46.7	47.3	47.2	46.5	46.3	46.2	46.7	47.6
PACIFIC	47.4	47.0	47.2	46.5	46.0	46.4	46.7	47.1	47.3
TYPE OF PRACTICE									
SOLO	47.3	47.2	47.7	47.3	46.9	47.1	47.7	47.6	48.2
NON-SOLO	47.0	46.7	47.1	46.5	46.3	46.4	46.2	46.5	47.1
LOCATION									
NONMETROPOLITAN	47.2	46.9	47.7	47.4	47.1	46.8	47.6	47.5	48.2
METROPOLITAN									
LESS THAN 1,000,000	47.2	47.0	47.4	47.1	46.8	46.7	46.7	47.0	47.4
1,000,000 AND OVER	47.1	47.0	47.4	46.6	46.3	46.8	46.8	46.9	47.5
PHYSICIAN AGE									
LESS THAN 36 YEARS	46.7	43.9	44.4	44.8	44.5	44.5	44.5	44.9	48.0
36-45 YEARS	47.4	47.8	47.5	47.2	47.0	47.0	47.2	47.5	47.5
46-55 YEARS	47.4	48.0	48.0	47.4	47.0	47.4	47.3	47.6	47.3
56-65 YEARS	47.2	47.1	47.8	47.2	47.1	47.1	47.5	47.3	47.4
66 OR MORE YEARS	46.2	46.2	47.2	46.8	46.7	46.4	46.8	46.4	47.7

SOURCE: 1982-86, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS. 1976-80, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*DATA, OTHER THAN IN THE SPECIALTY BREAKDOWN, ARE BASED ON RESPONSES FROM PHYSICIANS IN ALL SPECIALTIES. SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 2 (CONTINUED). STANDARD ERROR OF THE NUMBER OF WEEKS PRACTICED PER YEAR, 1975, 1977-79, 1981-85*

	1975	1977	1978	1979	1981	1982	1983	1984	1985
ALL PHYSICIANS	0.07	0.09	0.08	0.09	0.10	0.10	0.09	0.09	0.05
SPECIALTY									
GENERAL/FAMILY PRACTICE	0.15	0.21	0.16	0.21	0.25	0.31	0.24	0.21	0.11
INTERNAL MEDICINE	0.18	0.22	0.19	0.22	0.31	0.27	0.25	0.24	0.13
SURGERY	0.13	0.18	0.16	0.18	0.21	0.22	0.18	0.17	0.10
PEDIATRICS	0.30	0.34	0.22	0.40	0.39	0.35	0.30	0.31	0.15
OBSTETRICS/GYNECOLOGY	0.24	0.29	0.27	0.23	0.45	0.33	0.28	0.38	0.15
RADIOLOGY	0.20	0.36	0.41	0.41	0.25	0.27	0.31	0.32	0.23
PSYCHIATRY	0.19	0.32	0.23	0.29	0.27	0.23	0.29	0.23	0.13
ANESTHESIOLOGY	0.31	0.48	0.44	0.32	0.32	0.39	0.33	0.29	0.24
CENSUS DIVISION									
NEW ENGLAND	0.22	0.36	0.31	0.36	0.37	0.43	0.29	0.27	0.23
MIDDLE ATLANTIC	0.16	0.19	0.15	0.20	0.25	0.23	0.22	0.25	0.11
EAST NORTH CENTRAL	0.18	0.21	0.19	0.22	0.26	0.23	0.20	0.21	0.14
WEST NORTH CENTRAL	0.21	0.36	0.28	0.28	0.42	0.38	0.39	0.26	0.19
SOUTH ATLANTIC	0.17	0.23	0.20	0.18	0.21	0.25	0.23	0.21	0.11
EAST SOUTH CENTRAL	0.37	0.41	0.36	0.42	0.45	0.27	0.26	0.40	0.17
WEST SOUTH CENTRAL	0.29	0.28	0.28	0.31	0.35	0.37	0.24	0.24	0.14
MOUNTAIN	0.27	0.51	0.34	0.38	0.34	0.44	0.47	0.42	0.19
PACIFIC	0.15	0.20	0.17	0.22	0.30	0.28	0.22	0.19	0.13
TYPE OF PRACTICE									
SOLO	0.10	0.12	0.10	0.12	0.15	0.16	0.11	0.12	0.08
NON-SOLO	0.09	0.14	0.11	0.13	0.14	0.13	0.13	0.12	0.06
LOCATION									
NONMETROPOLITAN	0.23	0.32	0.23	0.29	0.33	0.33	0.24	0.25	0.14
METROPOLITAN									
LESS THAN 1,000,000	0.11	0.14	0.13	0.13	0.14	0.15	0.13	0.14	0.08
1,000,000 AND OVER	0.10	0.12	0.10	0.13	0.16	0.15	0.13	0.12	0.07
PHYSICIAN AGE									
LESS THAN 36 YEARS	0.31	0.40	0.50	0.35	0.40	0.42	0.38	0.38	0.14
36-45 YEARS	0.11	0.11	0.13	0.15	0.15	0.16	0.13	0.12	0.07
46-55 YEARS	0.11	0.10	0.10	0.14	0.16	0.14	0.12	0.12	0.10
56-65 YEARS	0.14	0.20	0.13	0.17	0.18	0.18	0.14	0.15	0.12
66 OR MORE YEARS	0.28	0.33	0.21	0.24	0.36	0.36	0.32	0.31	0.22

SOURCE: 1982-86, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS. 1976-80, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*DATA, OTHER THAN IN THE SPECIALTY BREAKDOWN, ARE BASED ON RESPONSES FROM PHYSICIANS IN ALL SPECIALTIES. SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 3. MEAN NUMBER OF HOURS IN PROFESSIONAL ACTIVITIES PER WEEK, 1985*

	ALL PHYSICIANS**	SPECIALTY								
		GP/FP	INT MED	SURG	PED	OB/GYN	RAD	PSYCH	ANES	PATH
ALL PHYSICIANS	56.8	58.6	58.5	56.8	56.0	60.2	56.4	50.9	58.8	51.6
CENSUS DIVISION										
NEW ENGLAND	55.5	55.1	55.8	60.3	55.7	51.4	53.4	51.4	57.8	.
MIDDLE ATLANTIC	56.0	56.7	58.4	56.7	55.2	60.5	56.2	50.3	57.7	49.0
EAST NORTH CENTRAL	56.4	60.4	59.8	55.9	52.4	55.9	55.4	52.8	58.8	51.8
WEST NORTH CENTRAL	57.5	58.3	54.9	55.9	54.5	63.1	60.7	53.0	63.1	.
SOUTH ATLANTIC	57.0	56.4	60.3	56.1	57.2	61.4	57.2	51.5	60.8	49.0
EAST SOUTH CENTRAL	61.0	63.1	59.8	62.2	64.8	65.1	56.2	.	61.2	.
WEST SOUTH CENTRAL	59.8	62.6	59.6	61.6	60.2	60.9	59.2	51.5	60.9	.
MOUNTAIN	56.1	58.8	59.1	52.6	45.4	68.6	56.4	53.8	.	52.8
PACIFIC	55.2	56.4	56.9	55.2	56.9	59.3	53.6	48.4	55.9	52.0
TYPE OF PRACTICE										
SOLO	57.1	58.8	59.7	57.0	59.2	60.8	55.6	51.7	52.2	53.5
NON-SOLO	56.6	58.3	57.6	56.6	54.5	59.6	56.5	49.0	61.5	51.4
LOCATION										
NONMETROPOLITAN	58.6	59.6	64.4	57.1	58.2	62.9	53.1	.	49.6	.
METROPOLITAN										
LESS THAN 1,000,000	57.4	58.7	58.8	57.6	57.3	60.1	56.4	50.7	61.1	53.9
1,000,000 AND OVER	56.0	57.6	57.8	56.1	54.9	59.8	56.9	50.9	57.9	49.2
EMPLOYMENT STATUS										
SELF-EMPLOYED	57.8	59.5	60.1	56.8	59.2	60.5	56.7	51.2	58.1	54.5
EMPLOYEE	53.7	55.3	53.4	56.9	49.2	58.1	55.4	49.9	60.8	49.0
PHYSICIAN AGE										
LESS THAN 36 YEARS	58.1	59.1	58.5	59.8	57.5	64.5	56.9	51.4	60.6	.
36-45 YEARS	57.7	60.9	59.5	57.3	55.3	65.9	55.2	52.6	58.5	52.5
46-55 YEARS	57.9	59.8	60.7	57.0	56.6	62.0	58.0	53.6	59.7	52.5
56-65 YEARS	56.7	59.5	57.4	56.3	57.1	57.4	56.3	49.9	59.2	51.0
66 OR MORE YEARS	48.8	50.8	50.8	52.4	53.7	42.0	51.1	43.0	.	.

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**INCLUDES PHYSICIANS IN SPECIALTIES NOT LISTED SEPARATELY.
.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 3 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF HOURS IN PROFESSIONAL ACTIVITIES PER WEEK, 1985*

	ALL PHYSICIANS**	SPECIALTY								
		GP/FP	INT MED	SURG	PED	OB/GYN	RAD	PSYCH	ANES	PATH
ALL PHYSICIANS	0.26	0.68	0.65	0.56	1.02	1.13	0.97	0.89	0.97	1.13
CENSUS DIVISION										
NEW ENGLAND	1.07	4.00	2.20	2.39	2.80	4.30	4.91	3.21	4.00	.
MIDDLE ATLANTIC	0.66	2.23	1.57	1.59	2.74	2.35	2.04	1.87	2.15	2.47
EAST NORTH CENTRAL	0.68	1.91	1.71	1.54	1.95	3.52	2.19	1.78	2.88	2.09
WEST NORTH CENTRAL	1.04	1.99	2.95	2.00	4.47	5.82	3.17	3.00	4.82	.
SOUTH ATLANTIC	0.60	1.37	1.68	1.19	2.32	2.43	2.27	2.14	1.90	2.69
EAST SOUTH CENTRAL	1.19	2.64	3.10	2.62	4.14	5.81	4.70	.	4.07	.
WEST SOUTH CENTRAL	0.89	2.02	1.88	1.90	3.17	3.10	3.81	4.19	3.72	.
MOUNTAIN	1.04	2.42	2.32	1.79	6.09	4.11	4.88	4.10	.	4.12
PACIFIC	0.61	1.59	1.48	1.20	2.86	2.77	2.54	2.20	1.73	2.09
TYPE OF PRACTICE										
SOLO	0.43	0.95	0.99	0.86	2.04	1.76	2.82	1.16	1.64	2.61
NON-SOLO	0.33	0.97	0.86	0.71	1.13	1.39	1.04	1.22	1.13	1.21
LOCATION										
NONMETROPOLITAN	0.80	1.19	2.21	1.60	6.15	3.85	2.98	.	3.98	.
METROPOLITAN										
LESS THAN 1,000,000	0.41	1.09	1.04	0.83	1.49	1.74	1.48	1.60	1.56	1.69
1,000,000 AND OVER	0.38	1.25	0.89	0.85	1.42	1.60	1.42	1.06	1.26	1.58
EMPLOYMENT STATUS										
SELF-EMPLOYED	0.30	0.76	0.72	0.60	1.23	1.20	1.14	1.09	1.16	1.54
EMPLOYEE	0.52	1.51	1.39	1.52	1.61	3.23	1.87	1.51	1.75	1.57
PHYSICIAN AGE										
LESS THAN 36 YEARS	0.74	1.51	1.55	2.44	3.97	2.83	2.76	2.63	2.40	.
36-45 YEARS	0.43	1.25	1.01	0.92	1.53	1.97	1.48	1.69	1.61	1.68
46-55 YEARS	0.52	1.68	1.47	0.91	2.08	2.11	1.63	1.86	1.81	2.13
56-65 YEARS	0.59	1.34	1.66	1.34	1.90	2.13	2.99	1.42	2.27	2.91
66 OR MORE YEARS	0.94	1.92	2.27	2.30	3.74	3.22	4.95	2.67	.	.

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
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.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 4. MEAN NUMBER OF HOURS IN PATIENT CARE ACTIVITIES PER WEEK, 1985*

	ALL PHYSICIANS**	SPECIALTY								
		GP/FP	INT MED	SURG	PED	OB/GYN	RAD	PSYCH	ANES	PATH
ALL PHYSICIANS	51.0	53.5	52.3	51.2	50.6	55.5	51.5	44.9	53.6	41.9
CENSUS DIVISION										
NEW ENGLAND	49.4	48.9	48.8	53.2	49.8	48.9	48.9	46.7	51.2	.
MIDDLE ATLANTIC	49.4	51.3	50.9	50.1	49.1	54.8	52.2	42.8	54.1	36.8
EAST NORTH CENTRAL	50.7	53.8	54.1	50.3	46.9	51.8	51.2	47.8	53.7	45.8
WEST NORTH CENTRAL	51.8	53.8	49.4	51.3	48.2	57.9	55.3	45.3	54.6	.
SOUTH ATLANTIC	51.4	52.1	54.7	50.4	52.5	56.8	53.6	45.6	53.4	39.7
EAST SOUTH CENTRAL	56.1	59.4	53.0	56.8	58.9	61.5	51.3	.	56.2	.
WEST SOUTH CENTRAL	54.2	58.3	52.8	56.4	55.2	56.0	51.0	45.7	55.1	.
MOUNTAIN	51.0	54.1	53.6	48.5	42.4	65.7	51.1	49.8	.	37.8
PACIFIC	49.5	51.0	51.6	49.8	51.8	54.1	48.4	41.9	52.5	43.3
TYPE OF PRACTICE										
SOLO	51.8	54.1	53.4	51.5	54.1	55.9	50.4	46.2	49.4	43.5
NON-SOLO	50.5	52.8	51.4	50.9	49.0	55.2	51.7	42.1	55.3	41.7
LOCATION										
NONMETROPOLITAN	54.2	55.2	59.4	53.0	52.3	59.9	48.4	.	45.5	.
METROPOLITAN										
LESS THAN 1,000,000	51.9	53.5	53.0	52.5	52.3	55.6	52.0	45.3	56.0	44.1
1,000,000 AND OVER	49.7	52.2	51.2	49.8	49.2	54.8	51.6	44.6	52.5	39.4
EMPLOYMENT STATUS										
SELF-EMPLOYED	52.5	54.7	54.1	51.7	54.4	56.1	52.2	45.9	54.0	44.3
EMPLOYEE	46.6	49.2	46.8	48.6	42.5	51.5	49.8	42.4	52.6	39.8
PHYSICIAN AGE										
LESS THAN 36 YEARS	52.2	53.7	52.6	52.4	52.2	60.4	50.5	43.9	56.0	.
36-45 YEARS	51.9	55.2	53.3	52.1	50.4	61.0	50.7	46.6	53.0	42.5
46-55 YEARS	52.0	54.7	53.7	51.9	50.5	56.6	53.6	47.4	54.7	41.9
56-65 YEARS	50.9	55.1	51.5	50.2	50.4	52.9	51.5	44.0	53.3	43.8
66 OR MORE YEARS	44.1	46.7	45.6	46.1	50.2	39.0	46.6	38.3	.	.

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

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**INCLUDES PHYSICIANS IN SPECIALTIES NOT LISTED SEPARATELY.
. INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 4 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF HOURS IN PATIENT CARE ACTIVITIES PER WEEK, 1985*

	ALL PHYSICIANS**	SPECIALTY								
		GP/FP	INT MED	SURG	PED	OB/GYN	RAD	PSYCH	ANES	PATH
ALL PHYSICIANS	0.26	0.66	0.66	0.54	1.00	1.07	0.94	0.88	1.07	1.20
CENSUS DIVISION										
NEW ENGLAND	1.06	4.26	2.21	2.56	2.73	4.09	4.51	2.96	5.14	.
MIDDLE ATLANTIC	0.66	2.17	1.61	1.48	2.64	2.33	2.05	1.90	2.41	2.59
EAST NORTH CENTRAL	0.66	1.77	1.76	1.41	2.04	3.24	2.31	1.69	3.07	2.19
WEST NORTH CENTRAL	1.02	1.97	2.40	1.97	4.67	4.95	3.13	3.83	5.18	.
SOUTH ATLANTIC	0.60	1.34	1.62	1.13	2.25	2.47	2.28	2.12	2.46	3.01
EAST SOUTH CENTRAL	1.20	2.58	3.64	2.56	4.53	5.59	4.38	.	5.49	.
WEST SOUTH CENTRAL	0.89	1.94	2.03	1.90	3.02	2.79	3.28	4.05	4.03	.
MOUNTAIN	1.03	2.20	2.37	1.69	6.13	4.04	4.31	4.08	.	4.35
PACIFIC	0.61	1.52	1.43	1.23	2.65	2.61	2.36	2.25	1.65	2.47
TYPE OF PRACTICE										
SOLO	0.42	0.92	0.97	0.83	1.99	1.62	2.66	1.14	1.52	3.14
NON-SOLO	0.34	0.93	0.90	0.68	1.12	1.41	1.00	1.29	1.34	1.29
LOCATION										
NONMETROPOLITAN	0.79	1.19	2.21	1.53	5.95	3.66	3.12	.	3.83	.
METROPOLITAN										
LESS THAN 1,000,000	0.41	1.05	1.08	0.81	1.51	1.73	1.44	1.61	1.70	1.87
1,000,000 AND OVER	0.37	1.18	0.88	0.81	1.37	1.47	1.34	1.06	1.42	1.64
EMPLOYMENT STATUS										
SELF-EMPLOYED	0.30	0.73	0.71	0.58	1.18	1.14	1.09	1.05	1.17	1.53
EMPLOYEE	0.54	1.46	1.50	1.44	1.58	3.20	1.83	1.60	2.38	1.78
PHYSICIAN AGE										
LESS THAN 36 YEARS	0.75	1.52	1.65	2.21	3.95	2.73	2.57	3.06	2.52	.
36-45 YEARS	0.44	1.20	1.07	0.91	1.49	1.91	1.38	1.62	1.86	1.73
46-55 YEARS	0.52	1.60	1.48	0.89	2.11	1.94	1.60	1.87	2.08	2.39
56-65 YEARS	0.58	1.27	1.49	1.26	1.91	2.15	2.86	1.48	2.32	3.13
66 OR MORE YEARS	0.91	1.88	2.10	2.21	3.40	3.02	5.14	2.67	.	.

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

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**INCLUDES PHYSICIANS IN SPECIALTIES NOT LISTED SEPARATELY.
.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 5. MEAN NUMBER OF HOURS IN PATIENT CARE ACTIVITIES PER WEEK, 1975-76, 1978-80, 1982-85*

	1975	1976	1978	1979	1980	1982	1983	1984	1985
ALL PHYSICIANS	47.5	46.5	45.4	44.9	44.5	51.3	51.7	51.5	51.0
SPECIALTY									
GENERAL/FAMILY PRACTICE	49.0	46.5	45.8	45.0	44.5	54.0	54.1	54.0	53.5
INTERNAL MEDICINE	49.2	49.3	47.8	47.2	47.4	52.7	53.4	52.9	52.3
SURGERY	48.9	47.9	48.2	46.9	46.5	51.4	50.8	51.5	51.2
PEDIATRICS	46.1	44.9	44.5	43.5	43.8	50.8	52.4	51.4	50.6
OBSTETRICS/GYNECOLOGY	51.6	49.4	47.3	47.8	45.9	53.3	56.2	55.2	55.5
RADIOLOGY	41.9	44.5	43.9	43.7	41.7	54.0	54.0	50.7	51.5
PSYCHIATRY	41.0	41.3	38.2	39.6	38.8	43.7	43.7	45.1	44.9
ANESTHESIOLOGY	47.2	47.2	46.6	44.5	46.5	55.9	58.1	55.4	53.6
CENSUS DIVISION									
NEW ENGLAND	46.5	45.7	44.2	43.4	42.9	50.4	49.2	49.0	49.4
MIDDLE ATLANTIC	45.5	45.4	43.5	43.9	42.8	49.8	50.2	50.0	49.4
EAST NORTH CENTRAL	47.7	45.9	45.6	43.9	44.1	51.6	52.8	51.7	50.7
WEST NORTH CENTRAL	49.9	48.3	47.3	46.8	48.4	52.6	52.6	51.1	51.8
SOUTH ATLANTIC	48.2	47.8	45.6	46.4	45.1	52.7	51.1	52.2	51.4
EAST SOUTH CENTRAL	52.8	49.5	49.3	47.6	48.6	53.9	54.0	56.3	56.1
WEST SOUTH CENTRAL	49.9	49.4	46.9	46.4	45.8	53.4	55.3	54.3	54.2
MOUNTAIN	48.2	46.4	49.1	46.8	46.7	52.2	51.6	52.1	51.0
PACIFIC	45.7	44.6	44.2	43.3	43.1	48.7	50.3	49.3	49.5
TYPE OF PRACTICE									
SOLO	47.1	45.7	44.2	44.8	43.9	51.2	51.7	51.8	51.8
NON-SOLO	47.9	47.2	47.3	45.0	45.2	51.5	51.8	51.2	50.5
LOCATION									
NONMETROPOLITAN	50.0	48.7	48.4	48.4	48.2	56.2	55.5	56.7	54.2
METROPOLITAN									
LESS THAN 1,000,000	48.8	47.8	47.1	46.0	45.5	51.8	52.6	52.1	51.9
1,000,000 AND OVER	45.7	44.8	43.4	43.2	43.1	49.9	50.0	49.9	49.7
PHYSICIAN AGE									
LESS THAN 36 YEARS	47.7	48.0	46.6	46.9	46.7	53.5	53.9	54.2	52.2
36-45 YEARS	48.7	48.2	47.4	46.8	46.1	52.3	52.8	52.5	51.9
46-55 YEARS	49.8	48.2	47.2	46.6	45.7	51.8	52.8	52.0	52.0
56-65 YEARS	46.1	45.6	44.2	44.4	43.7	50.7	51.1	50.6	50.9
66 OR MORE YEARS	40.2	37.3	35.2	37.4	36.4	45.4	43.7	44.7	44.1

SOURCE: 1982-85, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS; 1975-80, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS EXCLUDING RESIDENTS.

*DATA, OTHER THAN IN THE SPECIALTY BREAKDOWN, INCLUDE RESPONSES FROM PHYSICIANS IN ALL SPECIALTIES.
RESULTS FOR 1982 TO 1984 MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF CHANGES IN COMPUTATION PROCEDURES.
SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 5 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF HOURS IN PATIENT CARE ACTIVITIES PER WEEK, 1975-76, 1978-80, 1982-85*

	1975	1976	1978	1979	1980	1982	1983	1984	1985
ALL PHYSICIANS	0.20	0.21	0.22	0.22	0.21	0.28	0.28	0.28	0.26
SPECIALTY									
GENERAL/FAMILY PRACTICE	0.43	0.45	0.48	0.51	0.47	0.71	0.73	0.70	0.66
INTERNAL MEDICINE	0.46	0.50	0.55	0.53	0.48	0.66	0.68	0.67	0.66
SURGERY	0.40	0.41	0.47	0.48	0.45	0.53	0.52	0.59	0.54
PEDIATRICS	0.70	0.74	0.77	0.76	0.77	0.96	1.07	1.08	1.00
OBSTETRICS/GYNECOLOGY	0.77	0.90	0.85	0.90	0.82	1.02	1.11	1.04	1.07
RADIOLOGY	0.77	0.65	0.62	0.74	0.76	1.12	1.22	1.03	0.94
PSYCHIATRY	0.65	0.67	0.78	0.72	0.67	0.87	0.92	0.87	0.88
ANESTHESIOLOGY	0.83	0.87	0.99	1.07	0.86	1.33	1.23	1.33	1.07
CENSUS DIVISION									
NEW ENGLAND	0.82	0.86	0.85	0.81	0.82	1.09	1.07	1.08	1.06
MIDDLE ATLANTIC	0.46	0.50	0.59	0.57	0.47	0.69	0.74	0.71	0.66
EAST NORTH CENTRAL	0.47	0.48	0.54	0.56	0.53	0.71	0.72	0.71	0.66
WEST NORTH CENTRAL	0.79	0.79	0.80	0.84	0.77	0.94	1.04	1.12	1.02
SOUTH ATLANTIC	0.52	0.55	0.54	0.59	0.50	0.67	0.64	0.66	0.60
EAST SOUTH CENTRAL	1.04	0.94	1.05	0.90	1.01	1.23	1.26	1.19	1.20
WEST SOUTH CENTRAL	0.72	0.69	0.77	0.78	0.73	0.89	0.93	0.85	0.89
MOUNTAIN	0.98	0.88	0.98	0.92	1.05	1.29	1.21	1.31	1.03
PACIFIC	0.44	0.45	0.48	0.48	0.46	0.66	0.65	0.67	0.61
TYPE OF PRACTICE									
SOLO	0.29	0.30	0.31	0.33	0.30	0.40	0.43	0.42	0.42
NON-SOLO	0.27	0.28	0.31	0.30	0.29	0.39	0.37	0.38	0.34
LOCATION									
NONMETROPOLITAN	0.56	0.62	0.68	0.69	0.72	0.90	0.84	0.89	0.79
METROPOLITAN									
LESS THAN 1,000,000	0.32	0.32	0.35	0.35	0.33	0.43	0.43	0.43	0.41
1,000,000 AND OVER	0.29	0.29	0.31	0.32	0.29	0.40	0.42	0.40	0.37
PHYSICIAN AGE									
LESS THAN 36 YEARS	0.60	0.69	0.55	0.73	0.56	0.84	0.85	0.84	0.75
36-45 YEARS	0.34	0.36	0.40	0.42	0.39	0.46	0.47	0.47	0.44
46-55 YEARS	0.35	0.36	0.39	0.39	0.39	0.53	0.57	0.57	0.52
56-65 YEARS	0.44	0.43	0.51	0.45	0.43	0.65	0.62	0.60	0.58
66 OR MORE YEARS	0.70	0.65	0.78	0.63	0.66	0.91	0.90	0.95	0.91

SOURCE: 1982-85, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS; 1975-80, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS EXCLUDING RESIDENTS.

*DATA, OTHER THAN IN THE SPECIALTY BREAKDOWN, INCLUDE RESPONSES FROM PHYSICIANS IN ALL SPECIALTIES.
RESULTS FOR 1982 TO 1984 MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF CHANGES IN COMPUTATION PROCEDURES.
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TABLE 6. MEAN NUMBER OF HOURS IN DIRECT PATIENT CARE ACTIVITIES PER WEEK, 1985*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	47.3	49.0	46.6	48.0	44.7	51.2
CENSUS DIVISION						
NEW ENGLAND	44.9	43.9	43.2	49.4	43.8	44.9
MIDDLE ATLANTIC	45.4	46.7	45.0	46.4	42.7	49.9
EAST NORTH CENTRAL	46.2	48.8	47.9	47.0	42.2	47.7
WEST NORTH CENTRAL	47.5	49.9	43.9	48.2	43.4	54.3
SOUTH ATLANTIC	47.7	47.6	49.2	47.5	45.8	52.3
EAST SOUTH CENTRAL	52.8	55.3	48.1	53.5	51.2	58.0
WEST SOUTH CENTRAL	50.7	53.6	47.1	52.8	49.2	52.0
MOUNTAIN	48.2	50.0	48.2	46.1	36.5	61.7
PACIFIC	46.1	46.3	46.2	46.7	46.3	49.7
TYPE OF PRACTICE						
SOLO	48.2	49.5	47.6	48.2	47.3	51.3
NON-SOLO	46.4	48.4	45.8	47.9	43.5	51.1
LOCATION						
NONMETROPOLITAN	51.2	51.5	53.1	50.0	44.9	56.7
METROPOLITAN						
LESS THAN 1,000,000	48.2	48.9	47.5	49.6	46.3	51.4
1,000,000 AND OVER	45.5	47.1	45.4	46.2	43.5	50.3
EMPLOYMENT STATUS						
SELF-EMPLOYED	48.7	50.2	48.3	48.4	47.8	51.8
EMPLOYEE	42.5	44.6	41.3	45.5	38.1	47.3
PHYSICIAN AGE						
LESS THAN 36 YEARS	48.0	49.6	47.1	49.4	45.8	55.9
36-45 YEARS	48.2	50.5	47.7	49.2	44.4	57.1
46-55 YEARS	48.2	49.9	47.9	48.6	45.0	52.0
56-65 YEARS	47.2	50.3	45.2	46.7	45.0	48.4
66 OR MORE YEARS	40.6	42.6	40.0	42.7	43.1	34.9

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 6 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF HOURS IN DIRECT PATIENT CARE ACTIVITIES PER WEEK, 1985*

		SPECIALTY				
	ALL PHYSICIANS**	GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	0.28	0.60	0.61	0.51	0.91	1.00
CENSUS DIVISION						
NEW ENGLAND	1.16	3.90	2.11	2.33	2.78	3.78
MIDDLE ATLANTIC	0.72	1.96	1.41	1.41	2.37	2.09
EAST NORTH CENTRAL	0.72	1.58	1.57	1.34	1.96	2.99
WEST NORTH CENTRAL	1.12	1.88	2.20	1.89	4.74	4.76
SOUTH ATLANTIC	0.63	1.24	1.51	1.07	1.98	2.34
EAST SOUTH CENTRAL	1.26	2.45	3.38	2.38	3.72	4.86
WEST SOUTH CENTRAL	0.92	1.77	2.11	1.77	2.61	2.55
MOUNTAIN	1.07	2.02	2.21	1.61	5.06	3.91
PACIFIC	0.65	1.33	1.37	1.17	2.42	2.53
TYPE OF PRACTICE						
SOLO	0.43	0.84	0.87	0.78	1.86	1.50
NON-SOLO	0.37	0.85	0.84	0.65	1.01	1.33
LOCATION						
NONMETROPOLITAN	0.81	1.13	2.26	1.40	6.05	3.66
METROPOLITAN						
LESS THAN 1,000,000	0.44	0.93	1.00	0.77	1.38	1.60
1,000,000 AND OVER	0.41	1.07	0.80	0.76	1.23	1.38
EMPLOYMENT STATUS						
SELF-EMPLOYED	0.31	0.67	0.65	0.55	1.08	1.07
EMPLOYEE	0.61	1.31	1.39	1.35	1.49	2.92
PHYSICIAN AGE						
LESS THAN 36 YEARS	0.79	1.44	1.48	2.05	3.57	2.67
36-45 YEARS	0.47	1.09	1.00	0.87	1.33	1.78
46-55 YEARS	0.57	1.43	1.36	0.84	2.02	1.83
56-65 YEARS	0.63	1.17	1.42	1.18	1.80	1.93
66 OR MORE YEARS	0.92	1.70	1.85	2.09	2.78	2.64

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 7. MEAN NUMBER OF OFFICE HOURS PER WEEK, 1985*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	25.4	32.7	24.7	22.0	29.6	27.8
CENSUS DIVISION						
NEW ENGLAND	23.8	32.4	23.2	21.1	31.3	24.4
MIDDLE ATLANTIC	23.6	30.6	23.6	19.9	27.1	25.7
EAST NORTH CENTRAL	23.9	28.2	24.0	22.4	26.7	24.8
WEST NORTH CENTRAL	26.2	32.0	26.3	21.4	25.8	27.6
SOUTH ATLANTIC	26.5	33.8	26.7	22.2	33.2	27.6
EAST SOUTH CENTRAL	28.3	36.2	24.2	21.4	36.4	30.9
WEST SOUTH CENTRAL	27.0	34.8	23.4	23.8	29.8	32.3
MOUNTAIN	25.4	34.2	24.0	22.0	23.2	34.1
PACIFIC	26.0	34.1	26.2	22.7	31.4	28.8
TYPE OF PRACTICE						
SOLO	28.1	33.9	27.2	23.7	34.2	28.9
NON-SOLO	23.2	31.2	22.7	20.2	27.5	26.7
LOCATION						
NONMETROPOLITAN	28.7	33.7	30.1	20.7	26.1	27.6
METROPOLITAN						
LESS THAN 1,000,000	25.6	31.8	26.0	22.6	31.2	27.7
1,000,000 AND OVER	24.5	33.0	23.3	21.6	28.6	28.0
EMPLOYMENT STATUS						
SELF-EMPLOYED	27.5	34.1	26.9	22.8	35.0	28.5
EMPLOYEE	18.4	27.7	17.8	16.5	18.2	22.9
PHYSICIAN AGE						
LESS THAN 36 YEARS	23.3	30.2	21.6	22.4	29.0	33.1
36-45 YEARS	24.1	33.8	23.2	21.6	26.8	29.5
46-55 YEARS	26.1	33.8	26.3	21.5	30.9	27.7
56-65 YEARS	27.9	34.8	28.6	21.5	35.6	27.3
66 OR MORE YEARS	26.8	28.6	26.8	26.0	31.5	19.9

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 7 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF OFFICE HOURS PER WEEK, 1985*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	0.26	0.46	0.54	0.43	0.90	0.59
CENSUS DIVISION						
NEW ENGLAND	1.19	3.61	2.09	2.47	2.90	1.70
MIDDLE ATLANTIC	0.61	1.36	1.14	1.07	2.17	1.22
EAST NORTH CENTRAL	0.63	1.29	1.21	1.08	2.33	1.79
WEST NORTH CENTRAL	0.95	1.47	2.47	1.68	3.65	1.86
SOUTH ATLANTIC	0.59	0.97	1.32	0.88	2.11	1.31
EAST SOUTH CENTRAL	1.20	1.65	3.11	2.37	2.91	2.32
WEST SOUTH CENTRAL	0.82	1.14	2.03	1.32	3.01	1.97
MOUNTAIN	1.19	1.89	2.58	1.76	5.62	2.60
PACIFIC	0.63	1.06	1.29	1.03	2.00	1.50
TYPE OF PRACTICE						
SOLO	0.33	0.55	0.68	0.59	1.26	0.80
NON-SOLO	0.37	0.76	0.79	0.61	1.15	0.87
LOCATION						
NONMETROPOLITAN	0.67	0.74	1.14	1.32	4.66	1.65
METROPOLITAN						
LESS THAN 1,000,000	0.41	0.77	0.90	0.68	1.37	0.89
1,000,000 AND OVER	0.37	0.84	0.72	0.61	1.23	0.88
EMPLOYMENT STATUS						
SELF-EMPLOYED	0.26	0.43	0.54	0.44	0.81	0.58
EMPLOYEE	0.63	1.39	1.30	1.32	1.73	2.39
PHYSICIAN AGE						
LESS THAN 36 YEARS	0.81	1.32	1.43	1.71	3.11	1.99
36-45 YEARS	0.44	0.77	0.88	0.74	1.41	1.05
46-55 YEARS	0.50	1.07	1.01	0.74	1.77	1.11
56-65 YEARS	0.58	0.93	1.51	0.97	1.82	1.09
66 OR MORE YEARS	0.67	1.11	1.47	1.57	2.54	1.54

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 8. MEAN NUMBER OF OFFICE HOURS PER WEEK, 1975-76, 1978-80, 1982-85*

	1975	1976	1978	1979	1980	1982	1983	1984	1985
ALL PHYSICIANS	29.5	29.8	31.0	28.4	28.2	26.7	26.7	25.1	25.4
SPECIALTY									
GENERAL/FAMILY PRACTICE	34.4	34.9	36.0	33.5	33.8	33.2	32.8	32.6	32.7
INTERNAL MEDICINE	30.1	29.9	30.9	28.1	27.9	27.0	25.9	24.1	24.7
SURGERY	22.8	23.7	25.3	22.7	22.4	21.7	21.7	21.2	22.0
PEDIATRICS	35.5	36.0	37.4	34.9	35.1	32.3	32.7	30.2	29.6
OBSTETRICS/GYNECOLOGY	28.3	28.7	30.7	29.3	29.0	26.8	27.5	26.0	27.8
CENSUS DIVISION									
NEW ENGLAND	27.7	27.6	29.1	26.3	27.2	26.3	25.5	24.1	23.8
MIDDLE ATLANTIC	27.7	27.4	28.6	26.6	25.8	24.6	23.7	22.9	23.6
EAST NORTH CENTRAL	28.3	28.7	29.4	26.4	27.0	25.2	25.6	23.2	23.9
WEST NORTH CENTRAL	29.1	29.9	30.2	28.3	28.4	26.6	28.0	25.3	26.2
SOUTH ATLANTIC	30.3	31.5	32.5	29.8	28.8	27.0	26.9	26.5	26.5
EAST SOUTH CENTRAL	33.0	30.8	33.6	29.6	29.7	27.4	28.7	28.3	28.3
WEST SOUTH CENTRAL	31.5	31.8	32.6	30.3	31.3	29.2	29.2	26.5	27.0
MOUNTAIN	29.3	30.2	32.0	28.8	28.9	28.2	27.2	26.3	25.4
PACIFIC	30.5	31.6	32.9	29.9	29.0	27.8	27.5	25.4	26.0
TYPE OF PRACTICE									
SOLO	29.7	30.3	30.9	29.0	28.8	27.6	28.0	27.0	28.1
NON-SOLO	29.2	29.3	31.0	27.7	27.5	25.7	25.5	23.3	23.2
LOCATION									
NONMETROPOLITAN	32.3	33.4	33.8	31.3	31.2	30.2	30.2	29.7	28.7
METROPOLITAN									
LESS THAN 1,000,000	29.6	29.8	31.3	28.4	28.5	26.8	26.9	25.0	25.6
1,000,000 AND OVER	28.5	29.1	30.0	27.6	27.2	25.7	25.5	24.0	24.5
PHYSICIAN AGE									
LESS THAN 36 YEARS	30.7	30.0	29.8	29.3	28.4	25.8	26.5	24.4	23.3
36-45 YEARS	28.3	29.4	30.1	27.4	27.1	25.3	25.3	23.2	24.1
46-55 YEARS	30.8	30.8	32.9	28.9	28.8	27.5	27.4	26.0	26.1
56-65 YEARS	29.6	30.3	31.6	29.1	29.1	28.2	28.3	27.5	27.9
66 OR MORE YEARS	28.0	27.7	28.5	27.5	27.2	27.2	26.4	25.1	26.8

SOURCE: 1982-85, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS; 1975-80, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS EXCLUDING RESIDENTS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR 1982 TO 1984 MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF CHANGES IN COMPUTATION PROCEDURES.
SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 8 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF OFFICE HOURS PER WEEK, 1975-76, 1978-80, 1982-85*

	1975	1976	1978	1979	1980	1982	1983	1984	1985
ALL PHYSICIANS	0.19	0.20	0.24	0.21	0.19	0.25	0.25	0.25	0.26
SPECIALTY									
GENERAL/FAMILY PRACTICE	0.32	0.36	0.42	0.38	0.33	0.43	0.48	0.45	0.46
INTERNAL MEDICINE	0.36	0.41	0.52	0.40	0.38	0.51	0.50	0.50	0.54
SURGERY	0.31	0.34	0.46	0.37	0.34	0.39	0.40	0.41	0.43
PEDIATRICS	0.62	0.65	0.84	0.67	0.65	0.80	0.78	0.88	0.90
OBSTETRICS/GYNECOLOGY	0.46	0.55	0.66	0.53	0.48	0.54	0.56	0.61	0.59
CENSUS DIVISION									
NEW ENGLAND	0.72	0.78	0.94	0.88	0.80	1.06	0.93	1.11	1.19
MIDDLE ATLANTIC	0.45	0.46	0.63	0.50	0.48	0.63	0.66	0.64	0.61
EAST NORTH CENTRAL	0.44	0.47	0.57	0.48	0.46	0.61	0.61	0.61	0.63
WEST NORTH CENTRAL	0.67	0.72	0.85	0.78	0.67	0.88	0.89	0.91	0.95
SOUTH ATLANTIC	0.52	0.56	0.62	0.53	0.48	0.60	0.58	0.58	0.59
EAST SOUTH CENTRAL	0.90	0.98	1.25	0.85	0.97	0.95	1.05	1.07	1.20
WEST SOUTH CENTRAL	0.65	0.71	0.81	0.72	0.67	0.76	0.79	0.80	0.82
MOUNTAIN	0.84	0.83	1.07	0.86	0.88	1.19	1.12	1.21	1.19
PACIFIC	0.41	0.46	0.51	0.47	0.43	0.58	0.59	0.61	0.63
TYPE OF PRACTICE									
SOLO	0.26	0.27	0.31	0.28	0.25	0.33	0.34	0.32	0.33
NON-SOLO	0.27	0.30	0.38	0.31	0.29	0.37	0.36	0.38	0.37
LOCATION									
NONMETROPOLITAN	0.46	0.56	0.67	0.57	0.55	0.66	0.64	0.64	0.67
METROPOLITAN									
LESS THAN 1,000,000	0.29	0.31	0.39	0.32	0.30	0.38	0.39	0.39	0.41
1,000,000 AND OVER	0.28	0.29	0.34	0.30	0.28	0.37	0.37	0.38	0.37
PHYSICIAN AGE									
LESS THAN 36 YEARS	0.66	0.78	0.68	0.74	0.57	0.74	0.80	0.81	0.81
36-45 YEARS	0.34	0.38	0.46	0.41	0.38	0.45	0.45	0.44	0.44
46-55 YEARS	0.34	0.39	0.44	0.40	0.38	0.50	0.51	0.52	0.50
56-65 YEARS	0.39	0.39	0.54	0.42	0.40	0.52	0.48	0.52	0.58
66 OR MORE YEARS	0.54	0.51	0.74	0.50	0.51	0.68	0.71	0.69	0.67

SOURCE: 1982-85, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS; 1975-80, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS EXCLUDING RESIDENTS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR 1982 TO 1984 MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF CHANGES IN COMPUTATION PROCEDURES. SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 9. MEAN NUMBER OF HOURS ON HOSPITAL ROUNDS PER WEEK, 1985*

		SPECIALTY				
	ALL PHYSICIANS**	GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	8.0	6.8	13.4	7.1	7.7	5.5
CENSUS DIVISION						
NEW ENGLAND	7.3	4.4	10.3	8.0	5.8	4.3
MIDDLE ATLANTIC	9.1	6.9	13.5	8.0	7.5	6.4
EAST NORTH CENTRAL	9.0	9.1	15.4	6.8	9.6	6.5
WEST NORTH CENTRAL	7.5	6.1	13.2	6.9	6.8	7.6
SOUTH ATLANTIC	7.5	6.3	14.0	6.7	6.8	5.5
EAST SOUTH CENTRAL	8.7	9.2	11.8	8.9	7.4	4.9
WEST SOUTH CENTRAL	8.9	7.6	15.0	8.0	10.8	4.3
MOUNTAIN	6.7	6.1	13.5	5.4	6.6	4.8
PACIFIC	6.5	4.6	11.3	6.4	6.8	4.4
TYPE OF PRACTICE						
SOLO	8.0	6.8	13.7	7.0	5.9	5.6
NON-SOLO	8.0	6.8	13.1	7.1	8.5	5.3
LOCATION						
NONMETROPOLITAN	7.5	6.6	14.3	7.6	8.9	6.5
METROPOLITAN						
LESS THAN 1,000,000	8.1	7.5	13.6	7.4	7.8	6.2
1,000,000 AND OVER	8.0	6.1	13.1	6.7	7.5	4.8
EMPLOYMENT STATUS						
SELF-EMPLOYED	8.3	7.0	14.4	7.2	7.3	5.5
EMPLOYEE	6.9	6.1	10.2	6.2	8.6	5.1
PHYSICIAN AGE						
LESS THAN 36 YEARS	7.8	6.8	14.3	5.9	5.8	5.2
36-45 YEARS	8.9	6.6	15.2	7.3	9.6	5.7
46-55 YEARS	8.5	7.0	14.5	7.4	7.0	5.8
56-65 YEARS	7.0	7.3	9.1	7.3	5.7	5.5
66 OR MORE YEARS	5.8	6.0	8.0	5.4	5.1	4.6

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 9 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF HOURS ON HOSPITAL ROUNDS PER WEEK, 1985*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	0.16	0.26	0.46	0.23	0.54	0.23
CENSUS DIVISION						
NEW ENGLAND	0.63	1.37	1.31	1.34	1.34	0.57
MIDDLE ATLANTIC	0.44	0.87	1.00	0.67	1.29	0.62
EAST NORTH CENTRAL	0.43	0.71	1.25	0.56	1.55	0.73
WEST NORTH CENTRAL	0.54	0.61	2.83	0.81	1.50	1.14
SOUTH ATLANTIC	0.33	0.63	1.03	0.43	1.03	0.50
EAST SOUTH CENTRAL	0.63	1.20	2.08	0.95	1.42	1.43
WEST SOUTH CENTRAL	0.56	0.70	1.59	0.75	2.89	0.46
MOUNTAIN	0.56	0.85	1.86	0.75	2.21	0.79
PACIFIC	0.35	0.48	1.06	0.56	1.18	0.44
TYPE OF PRACTICE						
SOLO	0.22	0.35	0.65	0.34	0.49	0.36
NON-SOLO	0.22	0.40	0.63	0.30	0.75	0.30
LOCATION						
NONMETROPOLITAN	0.37	0.45	1.57	0.62	2.17	0.81
METROPOLITAN						
LESS THAN 1,000,000	0.24	0.44	0.73	0.35	0.74	0.42
1,000,000 AND OVER	0.24	0.44	0.62	0.33	0.80	0.28
EMPLOYMENT STATUS						
SELF-EMPLOYED	0.17	0.27	0.51	0.24	0.52	0.25
EMPLOYEE	0.37	0.70	0.97	0.60	1.27	0.69
PHYSICIAN AGE						
LESS THAN 36 YEARS	0.43	0.55	1.13	0.66	0.82	0.60
36-45 YEARS	0.30	0.48	0.77	0.40	0.97	0.39
46-55 YEARS	0.34	0.68	1.03	0.41	1.15	0.50
56-65 YEARS	0.28	0.54	0.90	0.50	0.87	0.50
66 OR MORE YEARS	0.39	0.70	1.04	0.82	0.95	0.79

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 10. MEAN NUMBER OF HOURS ON HOSPITAL ROUNDS PER WEEK, 1975-76, 1982-85*

	1975	1976	1982	1983	1984	1985
ALL PHYSICIANS	10.6	13.3	9.5	9.6	8.2	8.0
SPECIALTY						
GENERAL/FAMILY PRACTICE	9.1	10.6	8.5	8.5	7.0	6.8
INTERNAL MEDICINE	15.3	17.0	14.8	15.8	13.2	13.4
SURGERY	11.1	15.7	9.8	9.1	8.1	7.1
PEDIATRICS	8.3	8.5	8.4	9.2	7.2	7.7
OBSTETRICS/GYNECOLOGY	8.4	12.7	6.6	6.7	6.3	5.5
CENSUS DIVISION						
NEW ENGLAND	11.1	13.7	8.8	9.2	7.0	7.3
MIDDLE ATLANTIC	10.5	14.4	9.5	9.9	8.7	9.1
EAST NORTH CENTRAL	11.5	14.7	10.3	11.4	8.5	9.0
WEST NORTH CENTRAL	12.5	14.5	10.8	10.4	8.8	7.5
SOUTH ATLANTIC	10.2	12.7	10.0	9.2	8.5	7.5
EAST SOUTH CENTRAL	11.5	15.6	10.7	10.7	9.1	8.7
WEST SOUTH CENTRAL	11.0	13.3	9.6	10.3	9.0	8.9
MOUNTAIN	10.5	12.6	9.0	7.8	7.0	6.7
PACIFIC	8.9	10.4	7.4	7.6	6.9	6.5
TYPE OF PRACTICE						
SOLO	10.2	12.9	9.5	9.5	8.0	8.0
NON-SOLO	10.9	13.8	9.5	9.8	8.5	8.0
LOCATION						
NONMETROPOLITAN	10.4	12.9	10.8	10.6	8.6	7.5
METROPOLITAN						
LESS THAN 1,000,000	11.0	13.9	10.0	9.7	8.3	8.1
1,000,000 AND OVER	10.2	12.9	8.7	9.3	8.0	8.0
PHYSICIAN AGE						
LESS THAN 36 YEARS	11.2	13.0	10.6	11.5	9.0	7.8
36-45 YEARS	11.6	14.7	10.0	10.4	9.4	8.9
46-55 YEARS	11.2	14.2	9.6	9.7	8.3	8.5
56-65 YEARS	10.2	12.4	9.1	8.9	7.0	7.0
66 OR MORE YEARS	6.8	9.7	7.1	6.4	5.4	5.8

SOURCE: 1982-85, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS; 1975-76, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS EXCLUDING RESIDENTS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR 1982 TO 1984 MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF CHANGES IN COMPUTATION PROCEDURES.
SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 10 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF HOURS ON HOSPITAL ROUNDS PER WEEK, 1975-76, 1982-85*

	1975	1976	1982	1983	1984	1985
ALL PHYSICIANS	0.14	0.19	0.16	0.17	0.15	0.16
SPECIALTY						
GENERAL/FAMILY PRACTICE	0.22	0.30	0.29	0.27	0.25	0.26
INTERNAL MEDICINE	0.38	0.41	0.44	0.47	0.44	0.46
SURGERY	0.25	0.38	0.28	0.25	0.25	0.23
PEDIATRICS	0.35	0.43	0.43	0.63	0.42	0.54
OBSTETRICS/GYNECOLOGY	0.29	0.60	0.32	0.27	0.25	0.23
CENSUS DIVISION						
NEW ENGLAND	0.61	0.79	0.69	0.65	0.53	0.63
MIDDLE ATLANTIC	0.34	0.47	0.43	0.44	0.42	0.44
EAST NORTH CENTRAL	0.34	0.43	0.40	0.51	0.39	0.43
WEST NORTH CENTRAL	0.56	0.64	0.62	0.56	0.55	0.54
SOUTH ATLANTIC	0.36	0.48	0.43	0.39	0.39	0.33
EAST SOUTH CENTRAL	0.74	1.14	0.61	0.67	0.56	0.63
WEST SOUTH CENTRAL	0.46	0.61	0.52	0.52	0.47	0.56
MOUNTAIN	0.63	0.85	0.72	0.61	0.52	0.56
PACIFIC	0.31	0.37	0.35	0.38	0.36	0.35
TYPE OF PRACTICE						
SOLO	0.19	0.25	0.23	0.24	0.20	0.22
NON-SOLO	0.20	0.28	0.23	0.25	0.23	0.22
LOCATION						
NONMETROPOLITAN	0.30	0.56	0.45	0.42	0.39	0.37
METROPOLITAN						
LESS THAN 1,000,000	0.24	0.30	0.26	0.27	0.23	0.24
1,000,000 AND OVER	0.21	0.26	0.23	0.26	0.23	0.24
PHYSICIAN AGE						
LESS THAN 36 YEARS	0.50	0.68	0.51	0.66	0.48	0.43
36-45 YEARS	0.27	0.36	0.31	0.31	0.30	0.30
46-55 YEARS	0.25	0.35	0.31	0.33	0.31	0.34
56-65 YEARS	0.30	0.38	0.33	0.31	0.25	0.28
66 OR MORE YEARS	0.33	0.43	0.43	0.39	0.34	0.39

SOURCE: 1982-85, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS; 1975-76, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS EXCLUDING RESIDENTS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR 1982 TO 1984 MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF CHANGES IN COMPUTATION PROCEDURES. SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 11. MEAN NUMBER OF HOURS IN SURGERY PER WEEK, 1985*

	ALL PHYSICIANS**	SPECIALTY GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	5.7	1.8	1.3	13.5	0.9	14.1
CENSUS DIVISION						
NEW ENGLAND	4.8	0.9	1.3	13.2	1.3	13.4
MIDDLE ATLANTIC	5.4	0.7	2.1	13.1	0.7	14.3
EAST NORTH CENTRAL	5.3	3.1	0.8	12.7	0.7	13.0
WEST NORTH CENTRAL	5.7	2.1	1.6	14.4	0.3	12.6
SOUTH ATLANTIC	6.0	0.6	0.8	13.9	0.7	14.7
EAST SOUTH CENTRAL	6.7	1.3	0.8	17.4	1.1	18.3
WEST SOUTH CENTRAL	5.9	2.3	1.6	15.2	0.9	11.9
MOUNTAIN	6.8	2.9	2.5	13.8	0.7	18.1
PACIFIC	5.2	2.2	0.9	11.4	1.5	13.8
TYPE OF PRACTICE						
SOLO	5.7	1.7	1.1	12.1	0.9	13.1
NON-SOLO	5.6	1.9	1.5	14.9	0.8	15.2
LOCATION						
NONMETROPOLITAN	5.5	2.3	0.2	14.4	1.3	18.3
METROPOLITAN						
LESS THAN 1,000,000	6.1	2.0	1.4	14.5	1.0	14.1
1,000,000 AND OVER	5.3	1.2	1.4	12.3	0.7	13.4
EMPLOYMENT STATUS						
SELF-EMPLOYED	6.2	1.9	1.2	13.4	0.9	14.0
EMPLOYEE	3.8	1.5	1.8	13.7	0.7	14.8
PHYSICIAN AGE						
LESS THAN 36 YEARS	4.1	2.3	1.4	13.7	0.4	15.0
36-45 YEARS	6.1	1.9	2.0	14.8	1.0	17.1
46-55 YEARS	7.0	1.2	1.4	13.9	1.1	14.6
56-65 YEARS	5.5	2.1	0.2	12.3	0.6	12.0
66 OR MORE YEARS	3.2	1.4	0.0	8.2	0.5	8.2

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 11 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF HOURS IN SURGERY PER WEEK, 1985*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	0.16	0.13	0.21	0.32	0.11	0.56
CENSUS DIVISION						
NEW ENGLAND	0.66	0.54	0.75	1.53	0.65	2.60
MIDDLE ATLANTIC	0.38	0.25	0.65	0.78	0.30	1.11
EAST NORTH CENTRAL	0.36	0.51	0.32	0.78	0.18	1.43
WEST NORTH CENTRAL	0.60	0.29	1.31	1.38	0.13	1.83
SOUTH ATLANTIC	0.38	0.17	0.36	0.63	0.19	1.50
EAST SOUTH CENTRAL	0.80	0.50	0.71	1.70	0.29	2.38
WEST SOUTH CENTRAL	0.52	0.40	0.59	1.33	0.26	1.09
MOUNTAIN	0.75	0.48	1.05	1.39	0.56	3.66
PACIFIC	0.34	0.29	0.37	0.67	0.40	1.32
TYPE OF PRACTICE						
SOLO	0.22	0.15	0.23	0.43	0.19	0.82
NON-SOLO	0.22	0.22	0.33	0.47	0.14	0.74
LOCATION						
NONMETROPOLITAN	0.46	0.24	0.12	1.03	0.51	2.83
METROPOLITAN						
LESS THAN 1,000,000	0.26	0.25	0.32	0.52	0.20	0.84
1,000,000 AND OVER	0.22	0.15	0.30	0.44	0.13	0.72
EMPLOYMENT STATUS						
SELF-EMPLOYED	0.18	0.14	0.21	0.34	0.12	0.60
EMPLOYEE	0.30	0.31	0.56	0.93	0.24	1.40
PHYSICIAN AGE						
LESS THAN 36 YEARS	0.39	0.32	0.55	1.36	0.15	1.69
36-45 YEARS	0.28	0.24	0.42	0.52	0.19	1.08
46-55 YEARS	0.35	0.21	0.43	0.60	0.28	1.06
56-65 YEARS	0.34	0.33	0.11	0.71	0.16	0.98
66 OR MORE YEARS	0.34	0.28	0.04	0.98	0.22	1.45

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

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**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 12. MEAN NUMBER OF TOTAL PATIENT VISITS PER WEEK, 1985*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	118.4	138.9	104.2	108.9	132.2	110.1
CENSUS DIVISION						
NEW ENGLAND	100.3	100.5	90.4	96.0	128.4	92.1
MIDDLE ATLANTIC	111.4	121.2	104.1	106.5	120.4	109.1
EAST NORTH CENTRAL	123.8	145.2	111.2	119.6	131.5	103.6
WEST NORTH CENTRAL	118.4	128.4	90.0	118.2	124.0	115.9
SOUTH ATLANTIC	122.9	138.8	116.0	110.7	141.0	111.5
EAST SOUTH CENTRAL	158.8	184.6	140.6	142.1	142.9	147.5
WEST SOUTH CENTRAL	130.0	161.6	101.4	120.2	151.6	116.6
MOUNTAIN	113.1	144.8	96.0	93.8	.	120.6
PACIFIC	102.9	121.1	93.0	88.2	127.5	99.9
TYPE OF PRACTICE						
SOLO	113.9	135.9	102.9	100.8	138.4	101.0
NON-SOLO	122.4	142.7	105.3	117.5	129.2	119.9
LOCATION						
NONMETROPOLITAN	144.6	156.5	142.7	130.5	141.7	118.0
METROPOLITAN						
LESS THAN 1,000,000	124.6	139.1	108.2	119.4	138.2	115.3
1,000,000 AND OVER	106.9	124.2	97.7	95.5	126.9	105.1
EMPLOYMENT STATUS						
SELF-EMPLOYED	123.2	145.9	110.4	109.4	148.6	112.7
EMPLOYEE	102.5	112.8	85.3	106.2	98.0	91.0
PHYSICIAN AGE						
LESS THAN 36 YEARS	117.3	129.0	104.3	110.3	119.7	108.7
36-45 YEARS	120.1	138.7	104.0	112.8	129.9	122.7
46-55 YEARS	122.2	148.6	115.4	114.9	139.9	112.3
56-65 YEARS	122.5	153.8	99.9	103.4	140.6	106.5
66 OR MORE YEARS	96.7	113.8	83.3	82.3	126.3	80.9

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

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.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 12 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF TOTAL PATIENT VISITS PER WEEK, 1985*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	1.25	2.83	2.64	2.12	3.96	3.03
CENSUS DIVISION						
NEW ENGLAND	4.20	16.63	6.90	8.43	12.55	11.51
MIDDLE ATLANTIC	3.28	7.54	7.03	6.55	9.59	6.01
EAST NORTH CENTRAL	3.40	7.36	6.19	5.30	10.98	7.86
WEST NORTH CENTRAL	4.02	6.00	8.81	8.57	10.87	13.05
SOUTH ATLANTIC	2.85	6.24	7.15	4.24	9.77	7.39
EAST SOUTH CENTRAL	7.06	15.85	20.33	11.80	14.92	16.82
WEST SOUTH CENTRAL	4.11	8.46	6.86	7.52	15.84	11.81
MOUNTAIN	4.56	9.47	9.10	6.85	.	15.28
PACIFIC	2.33	5.89	4.59	3.65	7.43	5.17
TYPE OF PRACTICE						
SOLO	1.79	3.79	3.73	3.11	6.79	4.00
NON-SOLO	1.73	4.23	3.69	2.82	4.87	4.46
LOCATION						
NONMETROPOLITAN	4.27	6.19	16.15	8.26	15.69	10.20
METROPOLITAN						
LESS THAN 1,000,000	1.97	4.26	4.42	3.24	6.51	5.08
1,000,000 AND OVER	1.65	4.36	3.13	2.80	5.20	4.04
EMPLOYMENT STATUS						
SELF-EMPLOYED	1.42	3.25	3.08	2.34	4.71	3.18
EMPLOYEE	2.51	5.06	4.74	4.96	5.98	9.11
PHYSICIAN AGE						
LESS THAN 36 YEARS	3.12	5.95	6.12	7.37	9.35	9.36
36-45 YEARS	2.14	5.20	4.70	3.47	6.18	5.30
46-55 YEARS	2.69	7.92	5.95	3.66	10.16	6.08
56-65 YEARS	2.95	5.66	5.53	5.33	7.50	5.91
66 OR MORE YEARS	3.49	6.74	5.66	7.22	11.25	9.11

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

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**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.
.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 13. MEAN NUMBER OF TOTAL PATIENT VISITS PER WEEK, 1975-1976, 1978-79, 1982-85*

	1975	1976	1978	1979	1982	1983	1984	1985
ALL PHYSICIANS	139.2	137.2	136.3	129.6	130.9	125.3	120.4	118.4
SPECIALTY								
GENERAL/FAMILY PRACTICE	177.2	167.8	180.0	157.5	162.0	148.8	143.6	138.9
INTERNAL MEDICINE	124.7	124.3	118.6	117.4	117.6	114.2	106.9	104.2
SURGERY	119.6	122.2	110.8	115.9	115.6	112.8	111.2	108.9
PEDIATRICS	140.2	146.1	148.1	138.9	133.8	138.6	131.4	132.2
OBSTETRICS/GYNECOLOGY	131.8	133.2	126.2	125.9	127.0	121.3	115.9	110.1
CENSUS DIVISION								
NEW ENGLAND	119.9	117.4	107.6	106.5	127.6	112.1	110.7	100.3
MIDDLE ATLANTIC	124.1	125.4	123.0	122.6	121.4	122.0	112.9	111.4
EAST NORTH CENTRAL	149.0	154.3	144.3	140.1	135.6	128.2	126.2	123.8
WEST NORTH CENTRAL	165.0	154.2	152.0	144.8	140.3	140.6	131.0	118.4
SOUTH ATLANTIC	142.2	134.6	134.8	132.0	134.5	124.6	122.5	122.9
EAST SOUTH CENTRAL	193.3	178.0	189.5	166.2	154.5	154.5	155.6	158.8
WEST SOUTH CENTRAL	157.7	158.8	143.3	140.4	141.8	141.2	135.5	130.0
MOUNTAIN	130.1	126.6	134.6	129.3	129.3	123.5	115.8	113.1
PACIFIC	119.6	118.5	124.5	112.0	112.2	104.0	97.4	102.9
TYPE OF PRACTICE								
SOLO	132.8	133.7	132.7	124.3	124.9	118.3	115.4	113.9
NON-SOLO	146.4	141.0	141.3	135.4	137.3	131.5	125.2	122.4
LOCATION								
NONMETROPOLITAN	178.4	172.1	178.7	162.7	170.2	156.0	153.2	144.6
METROPOLITAN								
LESS THAN 1,000,000	147.3	145.2	141.1	136.4	137.1	133.7	127.6	124.6
1,000,000 AND OVER	119.7	121.9	118.5	115.3	115.5	108.7	105.8	106.9
PHYSICIAN AGE								
LESS THAN 36 YEARS	133.9	125.3	117.7	122.0	123.4	118.4	119.0	117.3
36-45 YEARS	143.0	145.4	135.2	130.3	131.1	127.1	118.6	120.1
46-55 YEARS	158.4	150.7	156.3	142.4	138.7	134.0	131.1	122.2
56-65 YEARS	134.1	132.6	131.9	133.8	135.1	130.0	124.7	122.5
66 OR MORE YEARS	97.5	99.6	107.0	101.8	114.3	98.2	94.1	96.7

SOURCE: 1982-85, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS; 1975-79, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS EXCLUDING RESIDENTS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR 1982 TO 1984 MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF CHANGES IN COMPUTATION PROCEDURES. SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 13 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF TOTAL PATIENT VISITS PER WEEK, 1975-1976, 1978-79, 1982-85*

	1975	1976	1978	1979	1982	1983	1984	1985
ALL PHYSICIANS	1.4	1.3	2.0	1.3	1.4	1.4	1.3	1.3
SPECIALTY								
GENERAL/FAMILY PRACTICE	3.2	3.0	4.3	3.0	3.4	3.3	3.2	2.8
INTERNAL MEDICINE	2.6	2.4	3.6	2.5	2.8	2.5	2.5	2.6
SURGERY	2.0	2.1	3.1	2.3	2.2	2.3	2.2	2.1
PEDIATRICS	4.3	4.7	6.5	3.9	4.1	4.6	4.3	4.0
OBSTETRICS/GYNECOLOGY	3.8	3.6	4.9	3.4	3.8	4.0	3.3	3.0
CENSUS DIVISION								
NEW ENGLAND	4.6	3.8	5.2	3.7	5.4	4.1	5.0	4.2
MIDDLE ATLANTIC	2.8	2.9	4.6	3.1	3.4	4.3	3.2	3.3
EAST NORTH CENTRAL	3.3	3.6	4.8	3.4	3.4	3.4	3.3	3.4
WEST NORTH CENTRAL	6.3	5.1	7.0	6.2	5.1	6.1	5.1	4.0
SOUTH ATLANTIC	3.4	3.3	5.6	3.3	3.5	3.0	2.9	2.8
EAST SOUTH CENTRAL	8.8	7.4	11.6	7.1	6.8	7.7	6.7	7.1
WEST SOUTH CENTRAL	5.6	4.8	6.8	4.9	4.9	4.7	4.2	4.1
MOUNTAIN	5.6	4.6	8.0	5.3	5.2	8.8	5.4	4.6
PACIFIC	2.6	2.6	3.6	2.5	3.1	2.4	2.4	2.3
TYPE OF PRACTICE								
SOLO	1.9	1.8	2.7	1.8	1.9	2.0	1.8	1.8
NON-SOLO	1.9	1.9	2.9	1.9	2.1	2.1	1.8	1.7
LOCATION								
NONMETROPOLITAN	4.5	4.6	6.6	4.7	5.1	4.4	4.3	4.3
METROPOLITAN								
LESS THAN 1,000,000	2.1	2.1	3.0	2.0	2.1	2.4	2.0	2.0
1,000,000 AND OVER	1.8	1.7	2.5	1.8	1.8	1.8	1.7	1.6
PHYSICIAN AGE								
LESS THAN 36 YEARS	4.5	4.2	4.6	4.3	3.4	3.3	3.4	3.1
36-45 YEARS	2.5	2.4	3.4	2.4	2.4	2.7	2.2	2.1
46-55 YEARS	2.7	2.6	3.8	2.6	3.1	3.2	2.8	2.7
56-65 YEARS	2.7	2.6	4.4	2.9	3.3	3.0	2.9	2.9
66 OR MORE YEARS	3.4	3.3	8.0	3.3	4.5	3.6	3.7	3.5

SOURCE: 1982-85, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS; 1975-79, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS EXCLUDING RESIDENTS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR 1982 TO 1984 MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF CHANGES IN COMPUTATION PROCEDURES. SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 14. MEAN NUMBER OF OFFICE VISITS PER WEEK, 1985*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	74.9	101.7	56.6	68.7	98.4	83.5
CENSUS DIVISION						
NEW ENGLAND	61.3	75.9	47.3	55.1	104.7	70.4
MIDDLE ATLANTIC	67.8	88.6	56.5	62.1	90.0	79.7
EAST NORTH CENTRAL	77.5	95.9	63.1	78.6	99.4	82.4
WEST NORTH CENTRAL	80.2	94.4	52.7	76.7	86.2	87.4
SOUTH ATLANTIC	79.8	105.1	60.8	74.5	111.0	80.0
EAST SOUTH CENTRAL	94.2	126.9	56.9	80.7	119.1	110.8
WEST SOUTH CENTRAL	81.3	115.9	52.9	69.1	91.7	91.8
MOUNTAIN	68.5	111.4	47.4	60.2	63.1	91.1
PACIFIC	68.5	96.4	56.7	57.4	99.1	80.6
TYPE OF PRACTICE						
SOLO	80.4	102.7	63.2	69.3	112.5	79.9
NON-SOLO	70.3	100.5	51.3	68.0	91.8	87.4
LOCATION						
NONMETROPOLITAN	93.5	111.8	76.4	73.1	95.6	87.3
METROPOLITAN						
LESS THAN 1,000,000	77.5	99.8	59.0	74.5	106.0	86.0
1,000,000 AND OVER	68.3	95.7	53.0	62.1	92.7	81.0
EMPLOYMENT STATUS						
SELF-EMPLOYED	83.2	108.6	63.6	72.3	120.5	86.6
EMPLOYEE	47.2	76.4	34.7	46.8	52.1	59.7
PHYSICIAN AGE						
LESS THAN 36 YEARS	61.4	87.7	46.8	63.1	84.9	77.2
36-45 YEARS	71.0	101.7	53.0	70.2	89.5	90.3
46-55 YEARS	81.9	109.3	65.0	73.1	108.3	87.7
56-65 YEARS	84.8	116.3	66.2	63.6	117.2	82.5
66 OR MORE YEARS	71.9	83.4	55.0	62.5	107.2	61.9

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 14 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF OFFICE VISITS PER WEEK, 1985*

		SPECIALTY				
	ALL PHYSICIANS**	GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	1.04	2.18	1.84	1.73	3.74	2.35
CENSUS DIVISION						
NEW ENGLAND	3.99	13.47	5.02	8.06	11.46	9.11
MIDDLE ATLANTIC	2.56	5.89	4.77	4.49	9.17	4.89
EAST NORTH CENTRAL	2.80	5.92	4.97	4.59	10.94	6.17
WEST NORTH CENTRAL	3.76	4.85	6.51	7.18	13.66	8.92
SOUTH ATLANTIC	2.36	5.05	4.68	3.64	8.99	5.76
EAST SOUTH CENTRAL	5.18	8.93	8.71	10.18	13.78	13.41
WEST SOUTH CENTRAL	3.47	6.71	5.98	5.27	12.41	9.58
MOUNTAIN	4.11	9.02	6.03	6.05	19.07	9.50
PACIFIC	2.26	5.16	3.70	3.51	7.67	4.24
TYPE OF PRACTICE						
SOLO	1.50	2.97	2.94	2.46	5.62	3.16
NON-SOLO	1.43	3.22	2.29	2.42	4.76	3.49
LOCATION						
NONMETROPOLITAN	3.03	4.23	6.38	5.80	15.90	7.61
METROPOLITAN						
LESS THAN 1,000,000	1.63	3.37	2.81	2.79	5.93	3.90
1,000,000 AND OVER	1.48	3.83	2.55	2.30	5.02	3.19
EMPLOYMENT STATUS						
SELF-EMPLOYED	1.16	2.35	2.12	1.85	3.96	2.45
EMPLOYEE	1.99	4.91	3.05	4.26	5.83	6.63
PHYSICIAN AGE						
LESS THAN 36 YEARS	2.53	4.71	3.95	5.74	9.31	5.74
36-45 YEARS	1.75	3.65	3.21	2.95	5.71	4.69
46-55 YEARS	2.25	5.94	3.89	3.12	9.26	4.76
56-65 YEARS	2.46	4.52	4.74	3.93	7.57	4.14
66 OR MORE YEARS	2.97	5.47	4.96	6.27	11.59	6.79

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 15. MEAN NUMBER OF OFFICE VISITS PER WEEK, 1975-76, 1978-80, 1982-85*

	1975	1976	1978	1979	1980	1982	1983	1984	1985
ALL PHYSICIANS	100.8	97.5	98.5	91.3	88.6	82.4	79.9	75.4	74.9
SPECIALTY									
GENERAL/FAMILY PRACTICE	138.5	129.6	133.2	119.8	116.3	116.5	106.2	102.5	101.7
INTERNAL MEDICINE	79.6	73.3	73.6	69.3	66.1	64.0	62.3	56.9	56.6
SURGERY	74.7	77.2	75.8	75.2	70.0	67.3	69.1	69.0	68.7
PEDIATRICS	123.9	122.7	123.6	116.4	124.8	100.9	106.8	99.0	98.4
OBSTETRICS/GYNECOLOGY	104.2	100.0	102.4	100.2	96.8	92.8	88.5	85.7	83.5
CENSUS DIVISION									
NEW ENGLAND	82.3	81.5	76.5	72.5	76.6	77.8	70.8	64.6	61.3
MIDDLE ATLANTIC	87.9	85.0	87.8	81.7	81.8	74.6	72.3	64.7	67.8
EAST NORTH CENTRAL	108.1	107.4	101.7	95.4	91.3	80.5	79.6	77.5	77.5
WEST NORTH CENTRAL	115.0	105.1	107.1	99.0	95.7	87.2	90.9	82.5	80.2
SOUTH ATLANTIC	103.5	97.2	98.2	91.8	90.1	84.0	81.9	79.4	79.8
EAST SOUTH CENTRAL	136.2	122.9	134.0	119.0	108.8	92.4	92.5	96.7	94.2
WEST SOUTH CENTRAL	111.8	112.6	103.9	97.0	104.4	92.3	89.9	83.9	81.3
MOUNTAIN	92.0	92.5	100.7	93.4	83.8	86.3	78.1	74.6	68.5
PACIFIC	93.1	92.3	97.9	88.7	81.9	78.8	73.1	67.4	68.5
TYPE OF PRACTICE									
SOLO	101.2	97.9	97.2	88.6	88.0	82.8	81.0	78.6	80.4
NON-SOLO	100.3	97.0	100.4	94.2	89.2	82.0	79.0	72.4	70.3
LOCATION									
NONMETROPOLITAN	129.6	126.0	126.7	112.4	109.6	109.6	99.3	98.4	93.5
METROPOLITAN									
LESS THAN 1,000,000	104.0	101.2	100.6	96.1	92.8	85.1	85.1	79.5	77.5
1,000,000 AND OVER	88.8	87.5	89.4	81.9	80.5	73.3	69.6	66.0	68.3
PHYSICIAN AGE									
LESS THAN 36 YEARS	94.4	86.5	88.1	78.8	77.6	67.3	70.9	61.8	61.4
36-45 YEARS	100.8	101.2	99.5	88.8	89.1	78.5	75.4	68.9	71.0
46-55 YEARS	114.6	107.2	111.3	100.0	98.4	89.5	87.5	85.8	81.9
56-65 YEARS	97.7	97.7	98.3	99.3	93.0	91.8	89.6	87.3	84.8
66 OR MORE YEARS	78.7	72.8	71.6	75.2	69.8	80.6	68.9	66.1	71.9

SOURCE: 1982-85, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS; 1975-80, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS EXCLUDING RESIDENTS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR 1982 TO 1984 MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF CHANGES IN COMPUTATION PROCEDURES. SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 15 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF OFFICE VISITS PER WEEK, 1975-76, 1978-80, 1982-85*

	1975	1976	1978	1979	1980	1982	1983	1984	1985
ALL PHYSICIANS	1.10	1.09	1.26	1.09	0.98	1.09	1.10	1.04	1.04
SPECIALTY									
GENERAL/FAMILY PRACTICE	2.49	2.37	2.74	2.30	2.06	2.61	2.41	2.28	2.18
INTERNAL MEDICINE	1.98	1.64	2.32	1.73	1.38	1.87	1.81	1.73	1.84
SURGERY	1.38	1.42	1.83	1.73	1.37	1.54	1.83	1.74	1.73
PEDIATRICS	3.79	3.91	3.99	3.48	3.47	3.69	3.90	3.80	3.74
OBSTETRICS/GYNECOLOGY	2.75	2.56	3.24	3.79	2.36	2.95	2.81	2.80	2.35
CENSUS DIVISION									
NEW ENGLAND	3.61	3.16	3.44	3.24	3.46	4.15	3.42	3.92	3.99
MIDDLE ATLANTIC	2.22	2.22	2.81	2.28	2.46	2.75	3.07	2.44	2.56
EAST NORTH CENTRAL	2.73	3.28	3.04	2.59	2.68	2.56	2.59	2.70	2.80
WEST NORTH CENTRAL	4.81	3.80	5.14	5.97	3.64	4.35	5.25	3.76	3.76
SOUTH ATLANTIC	2.80	2.79	3.38	2.48	2.34	2.66	2.54	2.44	2.36
EAST SOUTH CENTRAL	6.83	6.10	7.65	6.41	5.04	4.71	5.06	4.94	5.18
WEST SOUTH CENTRAL	4.13	4.07	4.55	3.86	3.67	3.94	3.81	3.61	3.47
MOUNTAIN	4.45	3.98	5.28	4.33	3.62	4.75	4.21	4.65	4.11
PACIFIC	2.43	2.17	2.70	2.44	1.91	2.44	2.18	2.23	2.26
TYPE OF PRACTICE									
SOLO	1.62	1.48	1.71	1.38	1.32	1.46	1.59	1.42	1.50
NON-SOLO	1.45	1.59	1.83	1.71	1.44	1.63	1.51	1.51	1.43
LOCATION									
NONMETROPOLITAN	3.47	3.55	4.54	3.16	3.07	3.94	3.16	3.06	3.03
METROPOLITAN									
LESS THAN 1,000,000	1.68	1.65	1.88	1.68	1.44	1.64	1.71	1.64	1.63
1,000,000 AND OVER	1.48	1.52	1.72	1.57	1.42	1.48	1.55	1.44	1.48
PHYSICIAN AGE									
LESS THAN 36 YEARS	3.25	3.25	3.07	3.04	2.23	2.66	2.98	2.69	2.53
36-45 YEARS	2.09	2.23	2.35	1.86	1.93	1.87	1.82	1.75	1.75
46-55 YEARS	2.15	2.09	2.35	2.04	2.03	2.31	2.53	2.25	2.25
56-65 YEARS	2.15	2.16	2.84	2.81	2.09	2.48	2.44	2.36	2.46
66 OR MORE YEARS	3.03	2.41	4.18	2.60	2.47	3.51	2.75	2.87	2.97

SOURCE: 1982-85, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS; 1975-80, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS EXCLUDING RESIDENTS.

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TABLE 16. MEAN NUMBER OF VISITS ON HOSPITAL ROUNDS PER WEEK, 1985*

		SPECIALTY				
	ALL PHYSICIANS**	GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	26.5	22.3	34.9	31.9	21.4	23.1
CENSUS DIVISION						
NEW ENGLAND	22.0	9.5	25.7	32.3	18.1	21.4
MIDDLE ATLANTIC	28.1	18.4	36.9	36.0	15.8	22.6
EAST NORTH CENTRAL	26.9	29.4	35.6	31.0	20.7	19.4
WEST NORTH CENTRAL	26.3	19.1	34.2	36.0	17.2	26.9
SOUTH ATLANTIC	26.5	19.5	42.9	29.2	21.4	24.9
EAST SOUTH CENTRAL	43.0	44.3	53.8	51.0	17.1	36.4
WEST SOUTH CENTRAL	33.5	30.5	36.9	41.4	44.4	25.5
MOUNTAIN	22.5	17.1	31.3	23.4	38.8	28.3
PACIFIC	17.3	11.4	23.8	22.3	15.1	16.5
TYPE OF PRACTICE						
SOLO	23.4	20.8	31.0	25.7	17.2	18.8
NON-SOLO	29.2	24.1	38.0	38.5	23.4	27.8
LOCATION						
NONMETROPOLITAN	31.9	28.4	48.9	44.8	23.1	25.8
METROPOLITAN						
LESS THAN 1,000,000	28.5	23.7	37.2	36.1	21.8	26.9
1,000,000 AND OVER	23.5	15.5	32.0	25.6	21.0	19.9
EMPLOYMENT STATUS						
SELF-EMPLOYED	27.7	23.3	37.7	31.2	21.2	23.1
EMPLOYEE	22.5	18.5	26.3	35.9	21.8	22.9
PHYSICIAN AGE						
LESS THAN 36 YEARS	25.0	22.9	35.7	32.0	13.4	26.6
36-45 YEARS	28.8	21.6	39.0	33.7	27.3	25.9
46-55 YEARS	30.0	25.5	42.6	33.2	20.4	22.1
56-65 YEARS	24.6	24.0	21.5	32.7	18.0	22.2
66 OR MORE YEARS	15.5	16.1	18.1	16.2	7.7	16.9

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 16 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF VISITS ON HOSPITAL ROUNDS PER WEEK, 1985*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	0.65	1.15	1.68	1.36	2.24	1.25
CENSUS DIVISION						
NEW ENGLAND	2.13	2.97	3.45	6.41	5.10	3.97
MIDDLE ATLANTIC	1.87	3.18	4.77	4.18	3.17	2.75
EAST NORTH CENTRAL	1.48	3.45	3.91	3.15	3.50	2.71
WEST NORTH CENTRAL	1.99	1.92	5.94	5.40	4.67	6.30
SOUTH ATLANTIC	1.45	2.23	4.61	2.70	4.61	2.27
EAST SOUTH CENTRAL	3.88	7.60	13.69	6.36	3.99	9.57
WEST SOUTH CENTRAL	2.60	3.59	4.40	6.02	14.97	4.18
MOUNTAIN	2.53	2.87	4.65	3.31	29.32	9.23
PACIFIC	0.99	1.26	2.21	2.33	3.54	1.87
TYPE OF PRACTICE						
SOLO	0.78	1.36	1.68	1.74	2.39	1.48
NON-SOLO	1.00	1.92	2.70	2.05	3.09	1.98
LOCATION						
NONMETROPOLITAN	2.10	2.65	9.83	4.78	6.03	4.36
METROPOLITAN						
LESS THAN 1,000,000	1.07	1.77	3.21	2.18	2.71	2.39
1,000,000 AND OVER	0.87	1.57	1.82	1.77	3.53	1.40
EMPLOYMENT STATUS						
SELF-EMPLOYED	0.74	1.22	2.01	1.43	2.77	1.25
EMPLOYEE	1.36	2.92	2.86	4.10	3.81	5.04
PHYSICIAN AGE						
LESS THAN 36 YEARS	1.69	2.72	3.76	5.68	2.69	5.75
36-45 YEARS	1.17	2.28	2.63	2.29	4.34	2.22
46-55 YEARS	1.48	3.23	4.88	2.30	3.60	2.18
56-65 YEARS	1.37	2.11	2.54	3.49	4.81	2.46
66 OR MORE YEARS	1.26	2.57	2.49	2.62	1.47	3.48

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

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**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 17. MEAN NUMBER OF VISITS ON HOSPITAL ROUNDS PER WEEK, 1975-76, 1982-85*

	1975	1976	1982	1983	1984	1985
ALL PHYSICIANS	32.6	35.5	33.0	32.2	28.0	26.5
SPECIALTY						
GENERAL/FAMILY PRACTICE	28.5	29.5	28.9	28.9	25.7	22.3
INTERNAL MEDICINE	40.5	44.5	41.7	42.3	37.2	34.9
SURGERY	40.8	42.1	42.0	39.3	34.2	31.9
PEDIATRICS	17.3	17.2	24.3	24.8	18.4	21.4
OBSTETRICS/GYNECOLOGY	29.0	29.0	26.9	28.1	23.6	23.1
CENSUS DIVISION						
NEW ENGLAND	30.1	31.4	27.6	28.4	25.8	22.0
MIDDLE ATLANTIC	31.1	34.8	31.9	32.6	29.9	28.1
EAST NORTH CENTRAL	35.8	40.7	38.1	35.3	29.4	26.9
WEST NORTH CENTRAL	43.4	44.2	38.9	38.6	35.1	26.3
SOUTH ATLANTIC	33.0	35.5	35.9	30.7	28.6	26.5
EAST SOUTH CENTRAL	44.1	52.1	44.9	49.1	37.1	43.0
WEST SOUTH CENTRAL	40.8	42.5	35.2	38.7	31.8	33.5
MOUNTAIN	32.9	29.0	28.8	25.7	21.9	22.5
PACIFIC	21.2	23.6	20.1	20.5	18.3	17.3
TYPE OF PRACTICE						
SOLO	26.5	30.2	29.4	28.3	25.6	23.4
NON-SOLO	39.3	41.1	36.9	35.6	30.3	29.2
LOCATION						
NONMETROPOLITAN	38.8	39.7	43.2	42.9	36.9	31.9
METROPOLITAN						
LESS THAN 1,000,000	36.4	39.5	35.7	34.3	29.7	28.5
1,000,000 AND OVER	27.1	31.0	27.9	27.2	24.3	23.5
PHYSICIAN AGE						
LESS THAN 36 YEARS	30.9	34.7	34.0	29.1	27.7	25.0
36-45 YEARS	36.4	41.0	34.7	35.6	30.8	28.8
46-55 YEARS	38.1	39.0	35.6	34.6	31.1	30.0
56-65 YEARS	30.5	31.8	33.3	31.5	25.5	24.6
66 OR MORE YEARS	15.7	20.2	20.0	20.5	17.4	15.5

SOURCE: 1982-85, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS; 1975-76, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS EXCLUDING RESIDENTS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR 1982 TO 1984 MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF CHANGES IN COMPUTATION PROCEDURES. SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 17 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF VISITS ON HOSPITAL ROUNDS PER WEEK, 1975-76, 1982-85*

	1975	1976	1982	1983	1984	1985
ALL PHYSICIANS	0.61	0.66	0.76	0.70	0.59	0.65
SPECIALTY						
GENERAL/FAMILY PRACTICE	1.05	1.04	1.36	1.33	1.21	1.15
INTERNAL MEDICINE	1.40	1.40	1.70	1.58	1.45	1.68
SURGERY	1.36	1.43	1.65	1.44	1.24	1.36
PEDIATRICS	1.07	1.11	2.17	2.04	1.30	2.24
OBSTETRICS/GYNECOLOGY	1.50	1.61	1.53	1.99	1.17	1.25
CENSUS DIVISION						
NEW ENGLAND	2.14	2.07	2.75	2.47	2.23	2.13
MIDDLE ATLANTIC	1.49	1.71	1.91	2.02	1.63	1.87
EAST NORTH CENTRAL	1.51	1.58	2.06	1.70	1.55	1.48
WEST NORTH CENTRAL	2.49	2.72	2.75	2.49	2.45	1.99
SOUTH ATLANTIC	1.68	1.78	1.97	1.49	1.45	1.45
EAST SOUTH CENTRAL	3.25	3.52	3.47	4.27	2.94	3.88
WEST SOUTH CENTRAL	2.59	2.43	2.42	2.54	1.86	2.60
MOUNTAIN	2.60	2.04	2.56	2.38	1.90	2.53
PACIFIC	0.96	1.18	1.30	1.05	0.97	0.99
TYPE OF PRACTICE						
SOLO	0.69	0.77	0.99	0.89	0.79	0.78
NON-SOLO	1.01	1.07	1.14	1.04	0.88	1.00
LOCATION						
NONMETROPOLITAN	1.72	1.98	2.25	2.32	1.93	2.10
METROPOLITAN						
LESS THAN 1,000,000	1.04	1.12	1.21	1.12	0.93	1.07
1,000,000 AND OVER	0.79	0.86	1.04	0.91	0.82	0.87
PHYSICIAN AGE						
LESS THAN 36 YEARS	1.91	2.11	1.99	1.71	1.66	1.69
36-45 YEARS	1.18	1.36	1.31	1.27	1.08	1.17
46-55 YEARS	1.24	1.28	1.68	1.55	1.35	1.48
56-65 YEARS	1.26	1.22	1.82	1.48	1.15	1.37
66 OR MORE YEARS	1.13	1.41	1.47	1.80	1.35	1.26

SOURCE: 1982-85, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS; 1975-76, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS EXCLUDING RESIDENTS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR 1982 TO 1984 MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF CHANGES IN COMPUTATION PROCEDURES. SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 18. MEAN NUMBER OF SURGICAL PROCEDURES PER WEEK, 1985*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	3.0	1.1	0.7	7.1	0.5	7.0
CENSUS DIVISION						
NEW ENGLAND	2.4	0.4	0.8	6.8	0.5	6.1
MIDDLE ATLANTIC	2.7	0.4	0.7	6.9	0.3	7.4
EAST NORTH CENTRAL	2.8	1.3	0.4	6.7	0.8	6.6
WEST NORTH CENTRAL	3.4	1.5	0.7	8.2	0.2	7.2
SOUTH ATLANTIC	3.1	0.3	0.4	7.3	0.6	7.1
EAST SOUTH CENTRAL	3.8	0.9	0.5	10.3	0.3	10.0
WEST SOUTH CENTRAL	3.6	1.3	1.3	8.2	0.5	6.1
MOUNTAIN	3.7	1.7	1.3	8.0	0.3	8.1
PACIFIC	2.7	1.7	0.6	5.5	0.8	6.3
TYPE OF PRACTICE						
SOLO	2.9	1.1	0.6	6.4	0.4	5.9
NON-SOLO	3.1	1.0	0.7	7.9	0.6	8.2
LOCATION						
NONMETROPOLITAN	3.2	1.4	0.2	8.3	0.5	9.5
METROPOLITAN						
LESS THAN 1,000,000	3.4	0.9	0.7	7.9	0.7	7.7
1,000,000 AND OVER	2.7	0.9	0.7	6.2	0.4	6.1
EMPLOYMENT STATUS						
SELF-EMPLOYED	3.3	1.2	0.6	7.2	0.6	7.0
EMPLOYEE	1.9	0.5	0.9	6.6	0.4	6.6
PHYSICIAN AGE						
LESS THAN 36 YEARS	2.0	1.0	1.0	7.3	0.3	5.9
36-45 YEARS	3.2	1.5	1.0	7.7	0.5	8.5
46-55 YEARS	3.9	0.8	0.6	7.5	0.7	7.5
56-65 YEARS	3.0	1.1	0.1	6.8	0.2	6.2
66 OR MORE YEARS	1.6	0.6	0.0	3.8	1.4	4.0

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 18 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF SURGICAL PROCEDURES PER WEEK, 1985*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	0.09	0.13	0.10	0.18	0.11	0.28
CENSUS DIVISION						
NEW ENGLAND	0.34	0.23	0.47	0.80	0.22	1.30
MIDDLE ATLANTIC	0.20	0.14	0.21	0.44	0.15	0.73
EAST NORTH CENTRAL	0.20	0.18	0.17	0.44	0.52	0.60
WEST NORTH CENTRAL	0.34	0.21	0.57	0.80	0.14	1.07
SOUTH ATLANTIC	0.20	0.09	0.17	0.36	0.26	0.73
EAST SOUTH CENTRAL	0.50	0.36	0.34	1.20	0.24	1.48
WEST SOUTH CENTRAL	0.43	0.22	0.52	0.70	0.23	0.60
MOUNTAIN	0.36	0.31	0.47	0.73	0.27	0.90
PACIFIC	0.22	0.73	0.26	0.30	0.25	0.57
TYPE OF PRACTICE						
SOLO	0.12	0.23	0.14	0.23	0.10	0.34
NON-SOLO	0.13	0.10	0.15	0.27	0.15	0.42
LOCATION						
NONMETROPOLITAN	0.26	0.16	0.14	0.71	0.18	1.15
METROPOLITAN						
LESS THAN 1,000,000	0.16	0.10	0.16	0.30	0.16	0.47
1,000,000 AND OVER	0.12	0.36	0.14	0.22	0.16	0.32
EMPLOYMENT STATUS						
SELF-EMPLOYED	0.10	0.17	0.11	0.19	0.15	0.30
EMPLOYEE	0.20	0.12	0.25	0.48	0.13	0.64
PHYSICIAN AGE						
LESS THAN 36 YEARS	0.20	0.16	0.32	0.79	0.19	0.62
36-45 YEARS	0.16	0.47	0.19	0.30	0.11	0.54
46-55 YEARS	0.23	0.17	0.18	0.33	0.22	0.48
56-65 YEARS	0.18	0.15	0.07	0.40	0.12	0.57
66 OR MORE YEARS	0.18	0.14	0.02	0.42	1.19	0.74

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 19. MEAN PATIENT CARE ACTIVITIES PER WEEK: PSYCHIATRY, 1985*

	SESSIONS WITH INDIVIDUAL PATIENTS		SESSIONS WITH FAMILY AND NON-FAMILY GROUPS	
	HOURS PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK
ALL PHYSICIANS	34.7	39.2	4.1	3.4
CENSUS DIVISION				
NEW ENGLAND	34.2	33.5	5.4	3.7
MIDDLE ATLANTIC	33.2	36.5	3.1	2.1
EAST NORTH CENTRAL	36.8	43.3	4.7	3.5
WEST NORTH CENTRAL	33.6	41.1	8.0	6.2
SOUTH ATLANTIC	36.8	39.4	2.6	2.5
EAST SOUTH CENTRAL	.	.	.	.
WEST SOUTH CENTRAL	32.6	37.6	8.3	5.7
MOUNTAIN	40.9	43.8	3.0	2.9
PACIFIC	33.1	36.3	3.1	3.9
TYPE OF PRACTICE				
SOLO	36.6	41.2	4.3	2.9
NON-SOLO	30.6	34.6	3.6	4.7
LOCATION				
NONMETROPOLITAN	.	.	.	.
METROPOLITAN				
LESS THAN 1,000,000	34.3	42.6	4.6	2.9
1,000,000 AND OVER	35.0	37.2	3.7	3.6
EMPLOYMENT STATUS				
SELF-EMPLOYED	36.4	40.0	4.1	3.0
EMPLOYEE	30.5	36.9	4.0	4.5
PHYSICIAN AGE				
LESS THAN 36 YEARS	30.5	33.4	3.6	3.6
36-45 YEARS	36.0	46.2	3.6	3.7
46-55 YEARS	35.2	36.4	5.5	4.6
56-65 YEARS	35.5	38.2	3.0	2.4
66 OR MORE YEARS	31.4	33.6	4.6	2.4

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 19 (CONTINUED). STANDARD ERROR OF MEAN PATIENT CARE ACTIVITIES PER WEEK: PSYCHIATRY, 1985*

	SESSIONS WITH INDIVIDUAL PATIENTS		SESSIONS WITH FAMILY AND NON-FAMILY GROUPS	
	HOURS PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK
ALL PHYSICIANS	0.73	1.34	0.45	0.38
CENSUS DIVISION				
NEW ENGLAND	2.06	2.29	1.71	1.19
MIDDLE ATLANTIC	1.55	2.12	0.82	0.36
EAST NORTH CENTRAL	1.87	3.34	1.13	0.79
WEST NORTH CENTRAL	3.48	4.92	3.86	2.21
SOUTH ATLANTIC	2.06	3.30	0.46	0.47
EAST SOUTH CENTRAL	.	.	.	.
WEST SOUTH CENTRAL	2.78	4.91	2.31	1.31
MOUNTAIN	4.29	5.17	0.78	0.62
PACIFIC	1.54	2.20	1.13	1.45
TYPE OF PRACTICE				
SOLO	0.88	1.70	0.62	0.37
NON-SOLO	1.24	2.05	0.47	0.89
LOCATION				
NONMETROPOLITAN	.	.	.	.
METROPOLITAN				
LESS THAN 1,000,000	1.24	2.95	0.81	0.39
1,000,000 AND OVER	0.92	1.26	0.53	0.54
EMPLOYMENT STATUS				
SELF-EMPLOYED	0.85	1.35	0.56	0.36
EMPLOYEE	1.33	3.33	0.73	0.98
PHYSICIAN AGE				
LESS THAN 36 YEARS	3.40	5.66	0.85	0.92
36-45 YEARS	1.32	3.33	0.81	0.77
46-55 YEARS	1.36	1.99	0.92	0.94
56-65 YEARS	1.45	2.03	0.67	0.57
66 OR MORE YEARS	2.15	2.63	1.81	0.72

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 20. MEAN PATIENT CARE ACTIVITIES PER WEEK: RADIOLOGY, 1985*

	READING FILMS	RADIODIAGNOSTIC PROCEDURES		RADIOTHERAPY PATIENTS		CONSULTATIONS	
	HOURS PER WEEK	HOURS PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK
ALL PHYSICIANS	26.2	12.1	53.4	3.1	6.5	5.8	27.6
CENSUS DIVISION							
NEW ENGLAND	21.2	9.1	47.8	8.0	13.9	6.9	35.9
MIDDLE ATLANTIC	25.5	13.6	31.2	1.4	1.9	5.3	26.1
EAST NORTH CENTRAL	25.2	13.9	57.7	2.8	6.3	5.7	27.0
WEST NORTH CENTRAL	27.3	13.4	74.7	3.6	9.7	5.4	27.9
SOUTH ATLANTIC	29.1	13.2	47.6	3.8	9.8	5.4	32.1
EAST SOUTH CENTRAL	25.2	12.4	145.9	3.8	2.2	7.7	41.1
WEST SOUTH CENTRAL	27.1	10.8	60.3	2.4	2.2	5.5	15.8
MOUNTAIN	27.6	7.6	29.6	6.6	15.8	4.1	17.7
PACIFIC	26.1	9.6	34.5	0.9	4.1	6.4	24.9
TYPE OF PRACTICE							
SOLO	21.3	11.1	67.9	3.6	5.7	6.0	18.6
NON-SOLO	27.0	12.2	51.0	3.1	6.7	5.7	29.0
LOCATION							
NONMETROPOLITAN	25.0	10.6	73.6	3.0	3.6	5.5	23.9
METROPOLITAN							
LESS THAN 1,000,000	27.1	13.1	59.0	2.7	6.4	5.8	30.5
1,000,000 AND OVER	25.6	11.3	43.9	3.6	7.2	5.7	25.1
EMPLOYMENT STATUS							
SELF-EMPLOYED	27.2	12.7	63.6	2.7	6.5	5.7	29.2
EMPLOYEE	23.8	10.6	27.3	4.2	6.7	5.9	23.3
PHYSICIAN AGE							
LESS THAN 36 YEARS	26.9	14.5	34.9	2.2	3.8	5.4	22.8
36-45 YEARS	25.1	10.5	40.0	4.0	6.9	5.3	27.5
46-55 YEARS	27.6	13.4	77.5	2.4	8.5	6.3	29.0
56-65 YEARS	25.7	11.0	45.9	3.8	5.5	6.1	29.1
66 OR MORE YEARS	24.5	9.6	49.6	3.1	1.9	4.3	27.0

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 20 (CONTINUED). STANDARD ERROR OF MEAN PATIENT CARE ACTIVITIES PER WEEK: RADIOLOGY, 1985*

	READING FILMS	RADIODIAGNOSTIC PROCEDURES		RADIOTHERAPY PATIENTS		CONSULTATIONS	
	HOURS PER WEEK	HOURS PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK
ALL PHYSICIANS	0.82	0.60	6.38	0.61	1.79	0.35	1.87
CENSUS DIVISION							
NEW ENGLAND	3.79	2.18	16.00	3.48	8.40	1.79	13.28
MIDDLE ATLANTIC	1.93	1.32	3.15	0.85	1.40	0.48	3.83
EAST NORTH CENTRAL	1.71	1.41	13.37	1.40	3.97	0.64	2.51
WEST NORTH CENTRAL	2.72	2.49	26.96	1.84	5.95	0.79	5.15
SOUTH ATLANTIC	2.45	1.76	12.43	1.67	7.24	0.52	5.69
EAST SOUTH CENTRAL	2.43	2.17	65.55	3.75	2.19	2.47	13.04
WEST SOUTH CENTRAL	2.43	2.02	21.39	2.17	1.47	1.66	3.84
MOUNTAIN	4.65	1.62	11.94	3.74	12.16	0.82	4.19
PACIFIC	1.91	1.32	10.64	0.79	2.91	1.32	3.04
TYPE OF PRACTICE							
SOLO	2.38	1.61	28.84	1.93	3.24	0.83	2.43
NON-SOLO	0.86	0.65	5.76	0.65	2.00	0.38	2.12
LOCATION							
NONMETROPOLITAN	2.54	1.57	26.32	1.99	2.41	0.75	3.82
METROPOLITAN							
LESS THAN 1,000,000	1.14	0.98	10.88	0.90	2.99	0.60	3.44
1,000,000 AND OVER	1.29	0.80	7.06	0.92	2.43	0.46	1.94
EMPLOYMENT STATUS							
SELF-EMPLOYED	0.95	0.74	8.68	0.67	2.32	0.39	2.25
EMPLOYEE	1.55	0.98	3.20	1.34	2.32	0.74	3.27
PHYSICIAN AGE							
LESS THAN 36 YEARS	2.31	2.00	8.47	1.35	2.78	1.05	2.56
36-45 YEARS	1.49	0.96	7.93	1.27	2.96	0.59	3.59
46-55 YEARS	1.42	1.03	15.88	0.84	3.99	0.60	3.49
56-65 YEARS	1.90	1.45	10.59	1.87	3.89	1.02	4.30
66 OR MORE YEARS	3.08	2.08	14.36	2.67	1.33	0.88	10.19

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 21. MEAN PATIENT CARE ACTIVITIES PER WEEK: ANESTHESIOLOGY, 1985*

	PATIENTS ANESTHETIZED PERSONALLY BY PHYSICIAN		PATIENTS ANESTHETIZED BY NURSE ANESTHETISTS SUPERVISED BY PHYSICIAN		PRE-ANESTHESIA AND OTHER INPATIENT VISITS	
	HOURS PER WEEK	NUMBER PER WEEK	HOURS SUPERVISING PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK
ALL PHYSICIANS	31.2	17.2	11.2	11.3	6.4	24.5
CENSUS DIVISION						
NEW ENGLAND	20.2	13.8	22.0	21.8	6.0	27.8
MIDDLE ATLANTIC	30.8	18.2	12.2	9.8	7.0	30.4
EAST NORTH CENTRAL	30.4	17.9	10.9	10.8	6.8	20.8
WEST NORTH CENTRAL	29.6	14.0	13.6	21.2	7.2	32.4
SOUTH ATLANTIC	24.8	15.3	17.2	18.4	5.7	21.2
EAST SOUTH CENTRAL	26.5	14.7	20.8	19.5	5.2	26.2
WEST SOUTH CENTRAL	34.8	19.3	6.3	5.8	7.1	24.3
MOUNTAIN	.	.	.	.	.	.
PACIFIC	38.3	18.6	3.8	3.6	6.1	22.1
TYPE OF PRACTICE						
SOLO	37.1	18.7	1.9	1.3	6.1	19.2
NON-SOLO	28.8	16.6	15.1	15.7	6.6	26.7
LOCATION						
NONMETROPOLITAN	25.8	14.2	7.1	6.3	7.5	19.5
METROPOLITAN						
LESS THAN 1,000,000	32.9	18.2	11.6	12.8	6.6	26.2
1,000,000 AND OVER	30.2	16.7	11.3	10.5	6.2	23.5
EMPLOYMENT STATUS						
SELF-EMPLOYED	35.0	18.8	8.7	9.5	6.4	25.0
EMPLOYEE	20.9	12.8	18.2	16.6	6.5	23.2
PHYSICIAN AGE						
LESS THAN 36 YEARS	27.0	19.5	17.0	19.6	6.9	31.1
36-45 YEARS	30.4	16.2	10.1	9.3	6.8	21.1
46-55 YEARS	31.2	16.9	13.3	14.4	5.2	24.6
56-65 YEARS	34.3	18.3	8.8	7.9	7.0	27.1
66 OR MORE YEARS	.	.	.	.	.	.

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

* SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 21 (CONTINUED). STANDARD ERROR OF MEAN PATIENT CARE ACTIVITIES PER WEEK: ANESTHESIOLOGY, 1985*

	PATIENTS ANESTHETIZED PERSONALLY BY PHYSICIAN		PATIENTS ANESTHETIZED BY NURSE ANESTHETISTS SUPERVISED BY PHYSICIAN		PRE-ANESTHESIA AND OTHER INPATIENT VISITS	
	HOURS PER WEEK	NUMBER PER WEEK	HOURS SUPERVISING PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK
ALL PHYSICIANS	1.16	0.71	1.04	1.14	0.25	1.28
CENSUS DIVISION						
NEW ENGLAND	5.70	4.24	5.80	6.33	1.01	6.07
MIDDLE ATLANTIC	2.71	1.74	2.17	2.28	0.47	4.34
EAST NORTH CENTRAL	2.76	1.62	3.03	2.88	0.63	2.47
WEST NORTH CENTRAL	5.10	2.24	3.77	5.98	1.21	4.96
SOUTH ATLANTIC	2.88	1.90	2.70	3.32	0.52	2.80
EAST SOUTH CENTRAL	4.89	3.47	4.22	4.80	1.12	7.21
WEST SOUTH CENTRAL	4.07	3.10	2.36	2.23	1.13	3.77
MOUNTAIN	.	.	.	.	.	.
PACIFIC	1.91	1.18	1.72	1.65	0.62	2.02
TYPE OF PRACTICE						
SOLO	1.57	0.90	0.83	0.48	0.53	1.16
NON-SOLO	1.46	0.93	1.32	1.51	0.29	1.71
LOCATION						
NONMETROPOLITAN	4.17	2.06	4.01	3.49	1.11	2.36
METROPOLITAN						
LESS THAN 1,000,000	1.81	1.21	1.57	1.92	0.42	2.31
1,000,000 AND OVER	1.60	0.90	1.48	1.46	0.33	1.52
EMPLOYMENT STATUS						
SELF-EMPLOYED	1.28	0.71	1.02	1.26	0.31	1.48
EMPLOYEE	2.08	1.70	2.52	2.44	0.45	2.60
PHYSICIAN AGE						
LESS THAN 36 YEARS	3.53	3.42	3.48	4.07	0.84	4.63
36-45 YEARS	1.98	1.04	1.96	1.72	0.43	1.63
46-55 YEARS	2.34	1.29	1.80	2.42	0.41	3.07
56-65 YEARS	2.29	1.33	1.77	2.14	0.57	2.44
66 OR MORE YEARS	.	.	.	.	.	.

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

* SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 22. MEAN PATIENT CARE ACTIVITIES PER WEEK: PATHOLOGY, 1985*

	SURGICAL CONSULTATIONS		EXAMINATIONS OF SURGICAL SPECIMENS		LABORATORY PROCEDURES		AUTOPSIES	
	HOURS PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK
ALL PHYSICIANS	5.1	9.8	17.8	100.4	7.1	25.8	4.3	1.0
CENSUS DIVISION								
NEW ENGLAND	.	.	.	.	.	.	.	.
MIDDLE ATLANTIC	3.4	5.7	14.8	76.5	7.5	42.5	4.6	1.0
EAST NORTH CENTRAL	5.2	5.5	20.2	99.3	6.8	24.1	5.1	1.3
WEST NORTH CENTRAL	.	.	.	.	.	.	.	.
SOUTH ATLANTIC	4.3	9.1	18.6	114.5	7.6	13.8	1.9	0.6
EAST SOUTH CENTRAL	.	.	.	.	.	.	.	.
WEST SOUTH CENTRAL	.	.	.	.	.	.	.	.
MOUNTAIN	2.3	3.8	16.6	72.1	6.7	25.6	5.1	1.2
PACIFIC	6.7	6.7	16.6	65.9	8.1	9.9	3.9	1.0
TYPE OF PRACTICE								
SOLO	4.8	7.1	14.6	68.3	11.5	.	2.7	0.5
NON-SOLO	5.1	10.1	18.1	103.8	6.7	26.9	4.4	1.1
LOCATION								
NONMETROPOLITAN	.	.	.	.	.	.	.	.
METROPOLITAN								
LESS THAN 1,000,000	4.5	12.6	20.5	108.6	6.3	23.9	3.7	0.9
1,000,000 AND OVER	5.8	7.5	15.3	95.8	7.9	27.0	4.7	1.1
EMPLOYMENT STATUS								
SELF-EMPLOYED	5.9	7.3	20.1	116.4	7.3	29.1	3.0	0.8
EMPLOYEE	4.4	12.0	15.8	86.7	6.9	23.1	5.4	1.2
PHYSICIAN AGE								
LESS THAN 36 YEARS	.	.	.	.	.	.	.	.
36-45 YEARS	4.3	12.1	19.6	131.3	7.1	32.0	4.6	1.1
46-55 YEARS	5.5	9.5	16.4	82.3	7.1	26.9	4.9	1.1
56-65 YEARS	6.5	7.2	19.9	70.2	8.0	8.8	2.0	0.6
66 OR MORE YEARS	.	.	.	.	.	.	.	.

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITION COMPUTATION PROCEDURES.
.INDICATES FEWER THAN TEN OBSERVATIONS

TABLE 22 (CONTINUED). STANDARD ERROR OF MEAN PATIENT CARE ACTIVITIES PER WEEK: PATHOLOGY, 1985*

	SURGICAL CONSULTATIONS		EXAMINATIONS OF SURGICAL SPECIMENS		LABORATORY PROCEDURES		AUTOPSIES	
	HOURS PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK
ALL PHYSICIANS	0.55	2.44	1.09	10.46	0.69	4.74	0.71	0.19
CENSUS DIVISION								
NEW ENGLAND	.	.	.	.	.	.	.	.
MIDDLE ATLANTIC	0.68	1.14	2.15	14.32	1.61	12.75	1.20	0.24
EAST NORTH CENTRAL	0.98	0.63	2.27	14.38	1.52	12.15	1.56	0.45
WEST NORTH CENTRAL	.	.	.	.	.	.	.	.
SOUTH ATLANTIC	1.06	1.71	2.54	20.11	1.63	3.97	0.49	0.16
EAST SOUTH CENTRAL	.	.	.	.	.	.	.	.
WEST SOUTH CENTRAL	.	.	.	.	.	.	.	.
MOUNTAIN	0.61	0.93	4.23	19.43	2.14	10.06	2.25	0.54
PACIFIC	3.12	1.42	2.77	10.63	2.57	4.31	1.03	0.35
TYPE OF PRACTICE								
SOLO	2.08	1.74	2.85	10.86	2.78	.	0.78	0.21
NON-SOLO	0.58	2.69	1.17	11.49	0.70	5.12	0.78	0.20
LOCATION								
NONMETROPOLITAN	.	.	.	.	.	.	.	.
METROPOLITAN								
LESS THAN 1,000,000	0.70	4.89	1.57	12.00	0.88	6.81	0.62	0.16
1,000,000 AND OVER	0.89	1.19	1.54	17.90	1.11	6.98	1.34	0.35
EMPLOYMENT STATUS								
SELF-EMPLOYED	0.92	0.72	1.57	19.34	0.95	7.88	0.38	0.11
EMPLOYEE	0.65	4.54	1.48	10.07	1.01	5.77	1.31	0.34
PHYSICIAN AGE								
LESS THAN 36 YEARS	.	.	.	.	.	.	.	.
36-45 YEARS	0.70	5.53	1.71	21.25	1.05	8.39	1.40	0.35
46-55 YEARS	0.94	1.65	1.84	11.12	1.30	9.31	1.17	0.29
56-65 YEARS	1.98	1.40	2.90	13.82	1.92	2.75	0.46	0.16
66 OR MORE YEARS	.	.	.	.	.	.	.	.

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITION COMPUTATION PROCEDURES.
.INDICATES FEWER THAN TEN OBSERVATIONS

TABLE 23. MEAN NUMBER OF DAYS WAITING TIME TO BE SCHEDULED FOR AN APPOINTMENT, 1985*

		SPECIALTY				
	ALL PHYSICIANS**	GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	6.2	2.7	6.4	7.9	5.5	10.4
CENSUS DIVISION						
NEW ENGLAND	8.9	4.0	7.0	11.2	14.8	9.2
MIDDLE ATLANTIC	6.2	2.0	6.4	6.6	5.3	12.8
EAST NORTH CENTRAL	7.2	3.2	6.8	10.9	5.4	12.3
WEST NORTH CENTRAL	5.9	3.3	7.0	9.4	5.3	6.8
SOUTH ATLANTIC	5.6	2.2	7.0	6.9	4.5	9.1
EAST SOUTH CENTRAL	4.8	0.8	9.8	5.9	3.2	7.6
WEST SOUTH CENTRAL	5.2	1.8	6.0	5.4	1.9	11.0
MOUNTAIN	6.2	3.3	4.1	10.2	8.3	8.9
PACIFIC	5.8	4.0	5.0	7.7	4.8	10.0
TYPE OF PRACTICE						
SOLO	5.1	2.1	4.3	6.9	4.5	7.8
NON-SOLO	7.2	3.4	8.1	9.0	6.0	13.2
LOCATION						
NONMETROPOLITAN	4.5	2.4	8.2	6.8	3.9	10.4
METROPOLITAN						
LESS THAN 1,000,000	6.4	2.9	7.7	7.6	5.6	11.5
1,000,000 AND OVER	6.3	2.7	5.3	8.4	5.6	9.6
EMPLOYMENT STATUS						
SELF-EMPLOYED	5.9	2.4	5.9	7.6	4.8	9.4
EMPLOYEE	6.9	3.6	7.9	10.1	7.2	18.2
PHYSICIAN AGE						
LESS THAN 36 YEARS	4.6	2.9	4.7	5.5	5.3	10.4
36-45 YEARS	6.8	3.5	6.8	8.4	5.1	13.0
46-55 YEARS	7.2	2.7	7.9	8.5	5.7	9.7
56-65 YEARS	5.6	2.2	5.8	8.1	5.6	9.3
66 OR MORE YEARS	4.4	1.7	4.6	5.5	8.2	7.4

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 23 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF DAYS WAITING TIME TO BE SCHEDULED FOR AN APPOINTMENT, 1985*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	0.19	0.19	0.42	0.50	0.56	0.91
CENSUS DIVISION						
NEW ENGLAND	0.94	1.27	1.45	2.43	3.65	2.48
MIDDLE ATLANTIC	0.44	0.44	0.97	0.85	1.13	2.49
EAST NORTH CENTRAL	0.59	0.59	1.08	1.77	1.36	2.93
WEST NORTH CENTRAL	0.76	0.59	1.64	2.47	1.82	3.67
SOUTH ATLANTIC	0.41	0.39	1.04	0.93	1.01	1.91
EAST SOUTH CENTRAL	0.69	0.17	3.31	1.61	1.78	1.15
WEST SOUTH CENTRAL	0.60	0.45	1.78	1.02	0.60	3.58
MOUNTAIN	0.94	0.77	1.15	3.09	3.92	2.15
PACIFIC	0.41	0.65	0.73	1.05	1.45	1.85
TYPE OF PRACTICE						
SOLO	0.24	0.23	0.51	0.64	0.86	1.10
NON-SOLO	0.30	0.33	0.63	0.77	0.72	1.43
LOCATION						
NONMETROPOLITAN	0.58	0.34	3.06	1.64	2.30	3.91
METROPOLITAN						
LESS THAN 1,000,000	0.30	0.31	0.80	0.70	0.83	1.53
1,000,000 AND OVER	0.27	0.37	0.43	0.77	0.81	1.14
EMPLOYMENT STATUS						
SELF-EMPLOYED	0.21	0.20	0.47	0.53	0.56	0.86
EMPLOYEE	0.43	0.52	0.94	1.39	1.30	4.06
PHYSICIAN AGE						
LESS THAN 36 YEARS	0.43	0.52	0.94	0.95	1.26	2.89
36-45 YEARS	0.35	0.45	0.76	0.81	0.87	2.02
46-55 YEARS	0.43	0.51	0.97	0.96	1.15	1.74
56-65 YEARS	0.42	0.33	1.02	1.24	1.36	1.61
66 OR MORE YEARS	0.46	0.30	0.77	1.70	2.94	1.60

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 24. MEAN NUMBER OF MINUTES WAITING TIME BY PATIENTS ARRIVING FOR AN APPOINTMENT, 1985*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	18.0	19.6	19.1	20.3	18.5	19.7
CENSUS DIVISION						
NEW ENGLAND	13.8	12.5	16.0	17.2	15.7	15.9
MIDDLE ATLANTIC	16.5	17.6	18.4	18.2	14.4	21.4
EAST NORTH CENTRAL	17.9	17.9	18.5	22.4	20.0	16.5
WEST NORTH CENTRAL	17.9	19.5	20.8	19.3	18.0	17.8
SOUTH ATLANTIC	19.6	21.5	20.6	21.7	21.3	19.5
EAST SOUTH CENTRAL	23.2	23.8	28.6	23.0	20.9	30.4
WEST SOUTH CENTRAL	19.9	21.6	21.9	22.9	20.7	18.2
MOUNTAIN	19.3	17.6	27.4	19.2	27.6	22.3
PACIFIC	16.1	19.4	13.9	17.8	15.4	19.2
TYPE OF PRACTICE						
SOLO	16.4	19.4	16.9	18.9	16.7	17.8
NON-SOLO	19.5	19.9	20.9	21.9	19.3	21.7
LOCATION						
NONMETROPOLITAN	20.1	20.8	22.0	20.3	16.5	22.8
METROPOLITAN						
LESS THAN 1,000,000	18.8	18.6	19.7	21.9	21.0	19.9
1,000,000 AND OVER	16.9	19.9	18.4	18.9	16.6	19.0
EMPLOYMENT STATUS						
SELF-EMPLOYED	18.0	20.2	18.8	19.9	17.9	19.6
EMPLOYEE	18.0	17.6	20.2	23.3	19.7	20.5
PHYSICIAN AGE						
LESS THAN 36 YEARS	19.6	19.5	20.0	24.4	28.6	18.8
36-45 YEARS	18.5	20.2	19.4	21.2	17.9	19.1
46-55 YEARS	18.1	19.9	20.6	20.6	16.5	20.2
56-65 YEARS	17.0	19.8	16.8	19.0	15.0	20.8
66 OR MORE YEARS	15.8	18.1	16.1	14.9	17.8	18.7

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 24 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF MINUTES WAITING TIME BY PATIENTS ARRIVING FOR AN APPOINTMENT, 1985*

		SPECIALTY				
	ALL PHYSICIANS**	GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	0.30	0.58	0.90	0.64	0.98	0.80
CENSUS DIVISION						
NEW ENGLAND	0.89	3.51	1.94	2.31	1.88	2.38
MIDDLE ATLANTIC	0.63	1.66	1.32	1.57	1.36	1.83
EAST NORTH CENTRAL	0.82	1.24	2.42	2.21	2.50	1.80
WEST NORTH CENTRAL	1.01	1.42	4.28	2.41	2.56	3.41
SOUTH ATLANTIC	0.78	1.84	2.10	1.43	3.36	1.43
EAST SOUTH CENTRAL	1.43	2.28	5.49	2.06	5.48	7.82
WEST SOUTH CENTRAL	1.04	1.76	4.22	1.75	2.42	1.89
MOUNTAIN	1.86	1.75	8.23	3.01	10.41	3.54
PACIFIC	0.61	1.18	1.18	1.21	1.42	1.84
TYPE OF PRACTICE						
SOLO	0.41	0.85	1.30	0.89	1.11	0.99
NON-SOLO	0.44	0.77	1.24	0.91	1.33	1.26
LOCATION						
NONMETROPOLITAN	0.81	1.03	3.92	1.91	2.80	2.19
METROPOLITAN						
LESS THAN 1,000,000	0.50	0.78	1.54	1.13	1.51	1.45
1,000,000 AND OVER	0.42	1.23	1.16	0.80	1.35	1.02
EMPLOYMENT STATUS						
SELF-EMPLOYED	0.32	0.68	0.98	0.64	0.86	0.85
EMPLOYEE	0.75	1.11	2.11	2.34	2.45	2.38
PHYSICIAN AGE						
LESS THAN 36 YEARS	1.04	1.13	2.68	2.72	5.34	2.44
36-45 YEARS	0.54	0.94	1.60	1.30	1.24	1.25
46-55 YEARS	0.57	1.50	1.74	0.97	1.34	1.85
56-65 YEARS	0.58	1.08	1.66	1.22	1.80	1.79
66 OR MORE YEARS	0.94	2.12	1.91	1.79	2.87	1.84

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 25. MEAN NUMBER OF PATIENTS DISCHARGED FROM THE HOSPITAL PER WEEK, 1985*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	4.6	3.9	4.6	5.4	5.0	6.6
CENSUS DIVISION						
NEW ENGLAND	3.4	1.8	3.8	4.5	5.8	5.2
MIDDLE ATLANTIC	4.4	2.6	3.9	5.8	4.7	6.1
EAST NORTH CENTRAL	5.0	4.0	5.5	5.2	5.2	7.2
WEST NORTH CENTRAL	5.6	4.4	4.0	7.8	4.1	7.2
SOUTH ATLANTIC	4.6	3.2	6.3	5.4	4.2	6.9
EAST SOUTH CENTRAL	6.9	7.6	5.8	7.3	7.8	11.1
WEST SOUTH CENTRAL	5.7	5.9	5.0	6.3	6.5	6.5
MOUNTAIN	3.6	4.4	3.6	4.0	2.2	5.8
PACIFIC	3.3	2.4	3.6	4.1	4.8	5.6
TYPE OF PRACTICE						
SOLO	4.0	3.7	3.9	4.9	5.5	5.7
NON-SOLO	5.1	4.2	5.3	5.9	4.8	7.6
LOCATION						
NONMETROPOLITAN	6.0	5.7	6.6	8.1	4.2	8.6
METROPOLITAN						
LESS THAN 1,000,000	4.8	3.9	4.7	5.7	5.6	7.1
1,000,000 AND OVER	4.1	2.5	4.4	4.6	4.7	5.9
EMPLOYMENT STATUS						
SELF-EMPLOYED	4.8	4.2	4.7	5.5	5.8	6.8
EMPLOYEE	3.9	3.0	4.3	4.8	3.5	5.1
PHYSICIAN AGE						
LESS THAN 36 YEARS	5.3	4.2	6.2	6.2	5.7	4.9
36-45 YEARS	4.7	3.8	5.1	5.2	5.0	8.1
46-55 YEARS	4.8	4.2	4.8	5.9	5.0	6.3
56-65 YEARS	4.4	4.4	2.9	5.5	5.0	6.6
66 OR MORE YEARS	2.9	2.5	2.3	3.6	4.0	4.9

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**EXCLUDES RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 25 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF PATIENTS DISCHARGED FROM THE HOSPITAL PER WEEK, 1985*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	0.14	0.21	0.30	0.18	0.34	0.32
CENSUS DIVISION						
NEW ENGLAND	0.35	0.45	0.79	0.53	1.60	0.83
MIDDLE ATLANTIC	0.33	0.41	0.43	0.44	1.04	0.65
EAST NORTH CENTRAL	0.50	0.50	1.06	0.42	0.66	1.14
WEST NORTH CENTRAL	0.55	0.49	0.74	1.09	0.87	1.04
SOUTH ATLANTIC	0.27	0.35	1.16	0.42	0.65	0.76
EAST SOUTH CENTRAL	0.54	1.21	1.32	0.89	1.68	1.54
WEST SOUTH CENTRAL	0.54	0.77	0.80	0.73	0.96	0.85
MOUNTAIN	0.38	1.35	0.46	0.51	1.07	0.98
PACIFIC	0.17	0.26	0.37	0.32	0.79	0.72
TYPE OF PRACTICE						
SOLO	0.13	0.27	0.27	0.25	0.68	0.40
NON-SOLO	0.23	0.32	0.48	0.27	0.38	0.49
LOCATION						
NONMETROPOLITAN	0.36	0.51	1.19	0.86	0.98	0.91
METROPOLITAN						
LESS THAN 1,000,000	0.20	0.30	0.30	0.27	0.45	0.54
1,000,000 AND OVER	0.21	0.25	0.46	0.24	0.51	0.42
EMPLOYMENT STATUS						
SELF-EMPLOYED	0.12	0.24	0.23	0.20	0.40	0.34
EMPLOYEE	0.43	0.39	0.98	0.42	0.61	0.80
PHYSICIAN AGE						
LESS THAN 36 YEARS	0.57	0.58	1.03	1.03	1.50	0.72
36-45 YEARS	0.27	0.30	0.54	0.27	0.46	0.62
46-55 YEARS	0.19	0.56	0.45	0.33	0.62	0.47
56-65 YEARS	0.24	0.47	0.37	0.43	0.89	0.77
66 OR MORE YEARS	0.23	0.38	0.33	0.54	1.06	0.98

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 26. MEAN NUMBER OF DAYS FOR HOSPITAL STAYS PER PATIENT, 1985*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	5.9	5.0	6.5	4.3	4.6	3.4
CENSUS DIVISION						
NEW ENGLAND	6.7	5.9	6.7	4.1	5.3	3.6
MIDDLE ATLANTIC	6.4	5.9	7.6	4.4	7.1	3.2
EAST NORTH CENTRAL	7.3	5.5	6.4	4.4	5.4	3.6
WEST NORTH CENTRAL	5.2	4.4	7.3	4.4	3.4	3.6
SOUTH ATLANTIC	5.9	6.0	6.8	4.3	3.3	3.5
EAST SOUTH CENTRAL	5.9	5.4	6.2	4.4	4.4	3.5
WEST SOUTH CENTRAL	4.9	4.3	5.8	4.2	4.4	3.5
MOUNTAIN	4.9	3.6	5.0	3.5	.	3.1
PACIFIC	4.7	4.3	5.4	4.1	2.8	3.4
TYPE OF PRACTICE						
SOLO	5.3	4.9	6.2	4.2	3.3	3.4
NON-SOLO	6.4	5.2	6.8	4.3	5.3	3.5
LOCATION						
NONMETROPOLITAN	4.5	4.5	5.1	4.0	3.8	3.4
METROPOLITAN						
LESS THAN 1,000,000	5.8	5.6	6.0	4.2	4.8	3.4
1,000,000 AND OVER	6.2	4.8	7.0	4.3	4.5	3.5
EMPLOYMENT STATUS						
SELF-EMPLOYED	5.1	4.7	6.2	4.2	3.4	3.4
EMPLOYEE	9.6	6.5	7.7	4.8	8.8	3.6
PHYSICIAN AGE						
LESS THAN 36 YEARS	7.0	4.6	6.3	3.9	3.3	3.2
36-45 YEARS	5.7	4.8	6.3	4.1	5.5	3.3
46-55 YEARS	5.9	4.8	6.6	4.4	4.8	3.2
56-65 YEARS	5.3	5.1	6.6	4.4	3.2	3.7
66 OR MORE YEARS	5.7	6.3	7.8	4.4	3.3	3.9

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.
.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 26 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF DAYS FOR HOSPITAL STAYS PER PATIENT, 1985*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	0.23	0.18	0.16	0.13	0.47	0.07
CENSUS DIVISION						
NEW ENGLAND	0.73	1.63	0.61	0.54	2.11	0.48
MIDDLE ATLANTIC	0.39	0.31	0.43	0.28	2.32	0.17
EAST NORTH CENTRAL	1.15	0.47	0.39	0.25	0.95	0.19
WEST NORTH CENTRAL	0.37	0.17	0.95	0.71	0.26	0.27
SOUTH ATLANTIC	0.49	0.71	0.42	0.18	0.14	0.16
EAST SOUTH CENTRAL	0.51	0.68	0.45	0.50	1.06	0.16
WEST SOUTH CENTRAL	0.29	0.18	0.36	0.23	0.89	0.19
MOUNTAIN	0.57	0.23	0.30	0.34	.	0.26
PACIFIC	0.33	0.42	0.30	0.59	0.14	0.20
TYPE OF PRACTICE						
SOLO	0.15	0.13	0.19	0.22	0.11	0.11
NON-SOLO	0.43	0.36	0.25	0.15	0.72	0.10
LOCATION						
NONMETROPOLITAN	0.16	0.16	0.23	0.27	0.36	0.21
METROPOLITAN						
LESS THAN 1,000,000	0.28	0.38	0.24	0.15	0.80	0.12
1,000,000 AND OVER	0.43	0.24	0.24	0.25	0.61	0.10
EMPLOYMENT STATUS						
SELF-EMPLOYED	0.10	0.10	0.14	0.14	0.15	0.08
EMPLOYEE	1.21	0.89	0.58	0.41	1.96	0.21
PHYSICIAN AGE						
LESS THAN 36 YEARS	1.43	0.19	0.39	0.30	0.16	0.24
36-45 YEARS	0.24	0.31	0.23	0.19	0.98	0.10
46-55 YEARS	0.41	0.17	0.37	0.31	0.78	0.14
56-65 YEARS	0.28	0.49	0.40	0.23	0.11	0.15
66 OR MORE YEARS	0.31	0.65	0.83	0.44	0.18	0.33

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.
.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 27. MEAN FEE FOR AN OFFICE VISIT WITH AN ESTABLISHED PATIENT (IN DOLLARS), 1985*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	27.81	21.93	30.46	28.81	24.92	32.24
CENSUS DIVISION						
NEW ENGLAND	29.78	23.20	31.33	30.59	24.77	34.25
MIDDLE ATLANTIC	32.36	22.26	32.76	37.04	27.38	36.33
EAST NORTH CENTRAL	24.93	19.67	25.93	25.54	22.20	28.00
WEST NORTH CENTRAL	21.54	18.48	24.57	20.36	21.45	25.88
SOUTH ATLANTIC	26.88	21.63	31.01	27.22	24.78	31.15
EAST SOUTH CENTRAL	22.73	17.52	28.67	22.23	20.75	29.69
WEST SOUTH CENTRAL	25.59	21.63	28.54	26.58	24.46	28.59
MOUNTAIN	25.30	22.79	25.61	24.73	.	30.81
PACIFIC	33.41	29.13	35.41	34.68	28.03	38.16
TYPE OF PRACTICE						
SOLO	27.73	22.06	29.71	29.90	23.82	32.85
NON-SOLO	27.89	21.74	31.20	27.52	25.63	31.54
LOCATION						
NONMETROPOLITAN	20.53	18.67	24.17	21.88	19.91	22.26
METROPOLITAN						
LESS THAN 1,000,000	25.24	21.63	27.47	24.43	22.70	31.75
1,000,000 AND OVER	32.05	25.27	33.27	34.26	27.27	34.37
EMPLOYMENT STATUS						
SELF-EMPLOYED	27.56	21.80	30.20	28.51	24.53	32.03
EMPLOYEE	29.41	22.73	31.92	31.61	26.83	34.43
PHYSICIAN AGE						
LESS THAN 36 YEARS	27.60	22.29	29.52	32.20	23.81	33.15
36-45 YEARS	28.66	22.52	30.39	28.36	25.33	33.18
46-55 YEARS	27.26	21.27	30.90	26.93	24.07	32.44
56-65 YEARS	28.03	22.13	31.65	30.67	26.17	32.23
66 OR MORE YEARS	26.12	21.09	29.35	30.46	24.11	28.45

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.
.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 27 (CONTINUED). STANDARD ERROR OF THE MEAN FEE FOR AN OFFICE VISIT WITH AN ESTABLISHED PATIENT (IN DOLLARS), 1985*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	0.25	0.29	0.53	0.56	0.51	0.66
CENSUS DIVISION						
NEW ENGLAND	1.30	1.06	2.13	3.90	1.81	3.26
MIDDLE ATLANTIC	0.79	1.00	1.12	2.24	1.75	1.78
EAST NORTH CENTRAL	0.64	0.38	0.99	1.14	0.90	1.52
WEST NORTH CENTRAL	0.61	0.45	1.16	0.84	0.34	1.99
SOUTH ATLANTIC	0.48	0.66	1.43	0.83	0.94	1.44
EAST SOUTH CENTRAL	0.74	0.54	3.06	1.13	0.75	2.04
WEST SOUTH CENTRAL	0.51	0.71	1.24	1.14	1.51	1.30
MOUNTAIN	0.77	1.13	0.97	1.66	.	2.28
PACIFIC	0.67	0.83	1.66	1.40	0.90	1.53
TYPE OF PRACTICE						
SOLO	0.36	0.41	0.69	0.82	0.70	0.92
NON-SOLO	0.36	0.38	0.81	0.74	0.70	0.94
LOCATION						
NONMETROPOLITAN	0.41	0.40	1.74	1.03	1.07	1.09
METROPOLITAN						
LESS THAN 1,000,000	0.28	0.41	0.75	0.47	0.42	0.94
1,000,000 AND OVER	0.44	0.57	0.75	1.01	0.87	0.97
EMPLOYMENT STATUS						
SELF-EMPLOYED	0.27	0.30	0.57	0.56	0.46	0.68
EMPLOYEE	0.81	0.91	1.52	2.38	1.99	2.56
PHYSICIAN AGE						
LESS THAN 36 YEARS	0.60	0.77	0.98	1.88	1.21	1.99
36-45 YEARS	0.44	0.55	0.85	0.76	0.88	1.09
46-55 YEARS	0.46	0.53	1.30	0.77	0.85	1.33
56-65 YEARS	0.67	0.65	1.57	1.71	1.41	1.52
66 OR MORE YEARS	0.80	0.72	1.44	2.72	1.79	1.88

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.
.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 28. MEAN FEE FOR AN OFFICE VISIT WITH AN ESTABLISHED PATIENT (IN DOLLARS), 1975-76, 1978-80, 1982-85*

	1975	1976	1978	1979	1980	1982	1983	1984	1985
ALL PHYSICIANS	11.76	13.50	15.17	17.17	18.43	23.14	24.79	26.46	27.81
SPECIALTY									
GENERAL/FAMILY PRACTICE	9.29	10.65	12.15	13.67	15.18	18.25	19.66	20.55	21.93
INTERNAL MEDICINE	13.56	15.52	16.83	19.89	20.46	26.70	28.01	30.43	30.46
SURGERY	12.22	13.94	15.91	17.61	19.00	23.57	24.45	25.93	28.81
PEDIATRICS	11.07	12.52	13.72	15.65	16.40	21.13	23.36	24.38	24.92
OBSTETRICS/GYNECOLOGY	13.73	15.40	18.23	19.04	20.66	26.75	29.11	31.60	32.24
CENSUS DIVISION									
NEW ENGLAND	12.57	13.59	15.17	17.60	19.70	23.43	26.42	28.07	29.78
MIDDLE ATLANTIC	13.75	15.58	17.41	18.57	20.20	25.81	28.05	30.37	32.36
EAST NORTH CENTRAL	10.86	12.26	13.57	15.46	16.69	20.17	21.11	23.49	24.93
WEST NORTH CENTRAL	9.00	10.69	11.76	13.55	14.48	18.54	19.24	21.54	21.54
SOUTH ATLANTIC	11.79	13.45	15.30	17.54	18.15	23.46	25.89	25.53	26.88
EAST SOUTH CENTRAL	9.70	11.34	12.62	15.24	15.52	21.13	21.04	21.36	22.73
WEST SOUTH CENTRAL	10.70	12.29	14.33	16.26	16.65	22.10	23.89	26.23	25.59
MOUNTAIN	9.92	11.81	13.47	16.35	16.84	22.47	22.31	24.19	25.30
PACIFIC	12.94	15.49	17.48	19.53	21.93	27.15	29.17	31.32	33.41
TYPE OF PRACTICE									
SOLO	11.69	13.44	15.12	17.23	18.36	22.69	24.36	26.06	27.73
NON-SOLO	11.85	13.58	15.26	17.09	18.52	23.68	25.25	26.93	27.89
LOCATION									
NONMETROPOLITAN	9.11	9.89	11.07	13.47	13.36	17.32	18.66	19.23	20.53
METROPOLITAN									
LESS THAN 1,000,000	10.93	12.35	14.15	15.65	16.67	21.72	23.42	25.03	25.24
1,000,000 AND OVER	13.47	15.50	17.14	19.50	21.06	26.10	28.07	29.88	32.05
PHYSICIAN AGE									
LESS THAN 36 YEARS	12.46	13.41	15.51	16.94	18.23	22.72	25.50	25.96	27.60
36-45 YEARS	11.95	13.92	15.48	17.16	18.98	23.59	25.19	27.61	28.66
46-55 YEARS	11.64	13.31	15.11	17.62	18.73	24.23	25.21	26.63	27.26
56-65 YEARS	11.42	13.35	15.22	17.15	17.68	22.19	23.81	25.65	28.03
66 OR MORE YEARS	11.63	13.30	14.01	16.54	18.08	21.72	23.74	24.81	26.12

SOURCE: 1982-85, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS; 1976-80, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS EXCLUDING RESIDENTS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR 1982 TO 1984 MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF CHANGES IN COMPUTATION PROCEDURES. SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 28 (CONTINUED). STANDARD ERROR OF THE MEAN FEE FOR AN OFFICE VISIT WITH AN ESTABLISHED PATIENT (IN DOLLARS), 1975-76, 1978-80, 1982-85*

	1975	1976	1978	1979	1980	1982	1983	1984	1985
ALL PHYSICIANS	0.09	0.13	0.12	0.15	0.14	0.23	0.22	0.24	0.25
SPECIALTY									
GENERAL/FAMILY PRACTICE	0.11	0.09	0.12	0.13	0.14	0.33	0.31	0.30	0.29
INTERNAL MEDICINE	0.18	0.47	0.24	0.51	0.25	0.59	0.56	0.61	0.53
SURGERY	0.16	0.18	0.23	0.24	0.33	0.41	0.39	0.41	0.56
PEDIATRICS	0.20	0.29	0.23	0.27	0.20	0.51	0.63	0.55	0.51
OBSTETRICS/GYNECOLOGY	0.38	0.31	0.44	0.41	0.54	0.62	0.72	0.76	0.66
CENSUS DIVISION									
NEW ENGLAND	0.32	0.33	0.33	0.48	0.55	0.80	0.77	0.89	1.30
MIDDLE ATLANTIC	0.24	0.29	0.38	0.33	0.32	0.62	0.67	0.67	0.79
EAST NORTH CENTRAL	0.21	0.18	0.18	0.23	0.24	0.38	0.35	0.47	0.64
WEST NORTH CENTRAL	0.22	0.30	0.30	0.33	0.27	0.62	0.50	0.69	0.61
SOUTH ATLANTIC	0.17	0.22	0.26	0.64	0.25	0.57	0.64	0.45	0.48
EAST SOUTH CENTRAL	0.45	0.26	0.35	0.39	0.35	0.91	0.75	0.63	0.74
WEST SOUTH CENTRAL	0.23	0.32	0.35	0.39	0.27	0.61	0.53	0.83	0.51
MOUNTAIN	0.23	0.27	0.49	0.54	0.42	1.02	0.84	0.91	0.77
PACIFIC	0.22	0.59	0.29	0.34	0.53	0.70	0.59	0.71	0.67
TYPE OF PRACTICE									
SOLO	0.13	0.14	0.16	0.24	0.17	0.30	0.30	0.32	0.36
NON-SOLO	0.12	0.23	0.17	0.17	0.22	0.35	0.33	0.36	0.36
LOCATION									
NONMETROPOLITAN	0.17	0.17	0.25	0.83	0.16	0.43	0.44	0.39	0.41
METROPOLITAN									
LESS THAN 1,000,000	0.12	0.11	0.14	0.15	0.13	0.32	0.32	0.33	0.28
1,000,000 AND OVER	0.14	0.25	0.19	0.21	0.25	0.37	0.35	0.38	0.44
PHYSICIAN AGE									
LESS THAN 36 YEARS	0.35	0.40	0.30	0.41	0.32	0.57	0.68	0.70	0.60
36-45 YEARS	0.15	0.34	0.22	0.24	0.24	0.40	0.38	0.44	0.44
46-55 YEARS	0.14	0.16	0.21	0.24	0.25	0.52	0.47	0.46	0.46
56-65 YEARS	0.18	0.21	0.27	0.26	0.23	0.46	0.46	0.48	0.67
66 OR MORE YEARS	0.33	0.36	0.39	0.69	0.72	0.68	0.69	0.72	0.80

SOURCE: 1982-85, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS; 1976-80, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS EXCLUDING RESIDENTS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR 1982 TO 1984 MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF CHANGES IN COMPUTATION PROCEDURES. SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 29. MEAN FEE FOR AN OFFICE VISIT WITH A NEW PATIENT (IN DOLLARS), 1985*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	50.22	31.39	73.85	48.24	34.03	51.16
CENSUS DIVISION						
NEW ENGLAND	48.14	37.25	61.40	43.21	30.85	49.88
MIDDLE ATLANTIC	57.26	32.16	68.10	60.99	36.82	54.94
EAST NORTH CENTRAL	42.01	26.20	57.29	39.15	29.00	41.97
WEST NORTH CENTRAL	41.65	26.03	81.09	37.05	38.55	42.50
SOUTH ATLANTIC	47.47	31.93	74.65	45.11	32.09	48.06
EAST SOUTH CENTRAL	39.45	24.68	79.67	35.54	31.14	43.58
WEST SOUTH CENTRAL	48.47	31.36	80.81	44.59	35.83	48.00
MOUNTAIN	43.35	28.83	67.70	38.76	.	46.56
PACIFIC	66.70	42.68	97.83	66.14	38.75	70.64
TYPE OF PRACTICE						
SOLO	49.16	32.80	70.69	48.28	32.71	52.86
NON-SOLO	51.40	29.38	76.98	48.20	34.90	49.17
LOCATION						
NONMETROPOLITAN	31.88	25.88	48.80	33.28	27.00	37.59
METROPOLITAN						
LESS THAN 1,000,000	46.53	31.94	71.52	42.56	30.17	49.64
1,000,000 AND OVER	58.50	35.80	78.63	56.59	38.02	54.62
EMPLOYMENT STATUS						
SELF-EMPLOYED	49.24	31.44	72.21	47.07	32.66	50.41
EMPLOYEE	56.60	31.09	83.38	58.68	40.43	58.91
PHYSICIAN AGE						
LESS THAN 36 YEARS	50.22	28.73	71.08	54.89	32.44	54.31
36-45 YEARS	52.45	30.95	72.96	48.56	36.22	51.43
46-55 YEARS	50.73	32.18	76.87	44.89	36.18	53.88
56-65 YEARS	47.70	32.80	75.03	50.49	29.62	49.98
66 OR MORE YEARS	46.29	31.60	72.74	48.49	29.05	43.24

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.
.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 29 (CONTINUED). STANDARD ERROR OF THE MEAN FEE FOR AN OFFICE VISIT WITH A NEW PATIENT (IN DOLLARS), 1985*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	0.68	0.71	1.96	0.98	1.16	1.12
CENSUS DIVISION						
NEW ENGLAND	2.32	4.66	5.76	2.68	3.34	3.69
MIDDLE ATLANTIC	1.80	2.49	3.38	3.24	3.74	2.54
EAST NORTH CENTRAL	1.34	1.27	3.37	1.80	2.52	2.15
WEST NORTH CENTRAL	2.44	0.96	10.76	2.98	9.01	4.59
SOUTH ATLANTIC	1.36	2.09	4.02	1.74	1.86	1.74
EAST SOUTH CENTRAL	2.26	1.13	9.89	2.60	3.04	3.59
WEST SOUTH CENTRAL	2.39	2.10	10.01	2.13	4.23	2.73
MOUNTAIN	2.02	1.64	6.23	2.20	.	2.56
PACIFIC	2.03	1.69	5.39	2.99	1.54	3.79
TYPE OF PRACTICE						
SOLO	0.91	1.08	2.76	1.23	1.84	1.69
NON-SOLO	1.01	0.77	2.76	1.56	1.49	1.40
LOCATION						
NONMETROPOLITAN	0.93	0.71	3.86	1.72	2.28	2.97
METROPOLITAN						
LESS THAN 1,000,000	0.93	1.23	2.87	1.21	1.00	1.55
1,000,000 AND OVER	1.12	1.45	2.84	1.60	2.02	1.66
EMPLOYMENT STATUS						
SELF-EMPLOYED	0.71	0.79	2.13	0.98	1.05	1.18
EMPLOYEE	2.07	1.64	4.86	4.01	4.29	3.10
PHYSICIAN AGE						
LESS THAN 36 YEARS	1.83	0.95	3.95	4.25	2.53	2.93
36-45 YEARS	1.13	1.15	2.79	1.65	2.20	1.75
46-55 YEARS	1.37	1.85	4.35	1.49	2.75	2.82
56-65 YEARS	1.63	1.66	7.15	2.45	1.14	2.09
66 OR MORE YEARS	2.22	2.23	6.29	3.88	2.19	2.31

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.
.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 30. MEAN FEE FOR AN OFFICE VISIT WITH A NEW PATIENT (IN DOLLARS), 1975-76, 1978-80, 1982-85*

	1975	1976	1978	1979	1980	1982	1983	1984	1985
ALL PHYSICIANS	19.67	22.81	24.93	28.26	30.80	41.93	46.51	47.07	50.22
SPECIALTY									
GENERAL/FAMILY PRACTICE	13.11	14.80	16.55	18.21	20.43	26.90	30.00	29.60	31.39
INTERNAL MEDICINE	26.11	31.27	32.53	38.18	40.18	63.22	68.82	69.53	73.85
SURGERY	20.81	23.29	26.52	29.04	31.83	41.56	42.28	44.26	48.24
PEDIATRICS	16.18	17.45	19.03	21.06	22.15	29.88	34.67	34.45	34.03
OBSTETRICS/GYNECOLOGY	23.57	27.41	29.85	30.70	34.03	43.82	47.96	47.19	51.16
CENSUS DIVISION									
NEW ENGLAND	18.28	20.79	23.27	27.47	31.16	37.81	47.88	46.95	48.14
MIDDLE ATLANTIC	22.11	25.49	28.04	30.35	33.10	46.49	52.26	53.34	57.26
EAST NORTH CENTRAL	18.13	20.19	22.57	25.64	26.95	35.54	39.64	42.20	42.01
WEST NORTH CENTRAL	15.80	19.23	19.09	21.57	23.19	33.50	36.36	34.88	41.65
SOUTH ATLANTIC	20.37	23.70	25.18	28.77	30.87	43.29	46.71	45.42	47.47
EAST SOUTH CENTRAL	17.29	20.19	21.67	25.35	25.42	39.15	36.61	34.34	39.45
WEST SOUTH CENTRAL	19.10	21.87	25.00	27.80	28.25	40.43	41.25	44.67	48.47
MOUNTAIN	17.56	21.34	21.36	25.30	28.99	38.22	41.07	43.00	43.35
PACIFIC	21.92	25.77	29.04	33.04	38.47	51.81	61.35	61.59	66.70
TYPE OF PRACTICE									
SOLO	18.92	21.91	24.43	27.96	29.97	40.63	44.29	45.36	49.16
NON-SOLO	20.59	23.90	25.70	28.62	31.78	43.52	48.82	49.04	51.40
LOCATION									
NONMETROPOLITAN	14.18	15.64	16.55	19.03	19.22	28.23	30.47	31.34	31.88
METROPOLITAN									
LESS THAN 1,000,000	18.53	21.63	23.61	26.23	27.75	39.83	43.33	43.74	46.53
1,000,000 AND OVER	22.68	25.78	28.28	32.47	35.95	47.61	54.46	54.69	58.50
PHYSICIAN AGE									
LESS THAN 36 YEARS	20.23	23.72	27.76	28.49	31.20	42.72	49.58	47.49	50.22
36-45 YEARS	20.71	23.90	26.85	29.99	32.28	43.98	48.03	50.25	52.45
46-55 YEARS	19.32	22.30	23.74	28.84	31.79	42.88	47.86	47.11	50.73
56-65 YEARS	19.24	22.41	23.97	27.35	28.46	39.10	43.10	43.48	47.70
66 OR MORE YEARS	18.38	21.49	21.42	25.26	28.89	37.91	41.49	43.69	46.29

SOURCE: 1982-85, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS; 1976-80, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS EXCLUDING RESIDENTS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR 19P2 TO 1984 MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF CHANGES IN COMPUTATION PROCEDURES. SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 30 (CONTINUED). STANDARD ERROR OF THE MEAN FEE FOR AN OFFICE VISIT WITH A NEW PATIENT, (IN DOLLARS), 1975-76, 1978-80, 1982-85*

	1975	1976	1978	1979	1980	1982	1983	1984	1985
ALL PHYSICIANS	0.20	0.26	0.29	0.33	0.33	0.58	0.68	0.62	0.68
SPECIALTY									
GENERAL/FAMILY PRACTICE	0.19	0.25	0.28	0.28	0.26	0.68	0.75	0.68	0.71
INTERNAL MEDICINE	0.62	0.84	0.85	0.99	0.95	1.65	1.87	1.73	1.96
SURGERY	0.33	0.39	0.47	0.51	0.54	0.84	0.90	0.90	0.98
PEDIATRICS	0.64	0.59	0.54	0.61	0.49	1.24	1.58	1.22	1.16
OBSTETRICS/GYNECOLOGY	0.47	0.58	0.67	0.58	0.75	1.51	2.08	1.03	1.12
CENSUS DIVISION									
NEW ENGLAND	0.58	0.74	0.81	1.19	1.25	2.20	2.43	2.17	2.32
MIDDLE ATLANTIC	0.56	0.66	0.83	0.79	0.81	1.53	1.79	1.77	1.80
EAST NORTH CENTRAL	0.47	0.53	0.56	0.77	0.60	1.10	1.47	1.32	1.34
WEST NORTH CENTRAL	0.64	0.99	0.91	0.95	0.91	1.86	1.88	1.68	2.44
SOUTH ATLANTIC	0.54	0.69	0.70	0.94	0.71	1.46	1.71	1.39	1.36
EAST SOUTH CENTRAL	0.74	1.08	1.13	1.09	0.96	1.97	1.65	1.45	2.26
WEST SOUTH CENTRAL	0.73	0.89	1.14	1.10	1.40	2.12	1.37	1.76	2.39
MOUNTAIN	0.79	1.14	0.90	1.04	1.45	1.97	2.75	2.16	2.02
PACIFIC	0.49	0.66	0.71	0.86	0.94	1.67	2.19	1.88	2.03
TYPE OF PRACTICE									
SOLO	0.26	0.34	0.36	0.46	0.42	0.76	0.92	0.81	0.91
NON-SOLO	0.31	0.39	0.47	0.47	0.52	0.90	1.00	0.94	1.01
LOCATION									
NONMETROPOLITAN	0.36	0.58	0.55	0.91	0.42	0.99	1.07	0.99	0.93
METROPOLITAN									
LESS THAN 1,000,000	0.28	0.36	0.38	0.42	0.40	0.77	0.89	0.79	0.93
1,000,000 AND OVER	0.34	0.41	0.47	0.53	0.55	1.00	1.18	1.06	1.12
PHYSICIAN AGE									
LESS THAN 36 YEARS	0.67	1.04	0.91	1.09	0.97	1.70	2.02	1.90	1.83
36-45 YEARS	0.38	0.50	0.59	0.63	0.59	0.97	1.05	1.10	1.13
46-55 YEARS	0.37	0.44	0.46	0.61	0.75	1.18	1.44	1.21	1.37
56-65 YEARS	0.43	0.53	0.64	0.65	0.58	1.16	1.36	1.24	1.63
66 OR MORE YEARS	0.60	0.84	0.69	0.97	0.94	2.28	2.86	2.10	2.22

SOURCE: 1982-85, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS; 1976-80, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS EXCLUDING RESIDENTS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR 1982 TO 1984 MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF CHANGES IN COMPUTATION PROCEDURES. SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 31. MEAN FEE FOR A FOLLOW-UP HOSPITAL VISIT (IN DOLLARS), 1985*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	31.28	26.58	34.00	30.40	31.05	33.67
CENSUS DIVISION						
NEW ENGLAND	29.93	.	29.14	29.43	29.24	.
MIDDLE ATLANTIC	37.32	28.08	36.86	39.20	35.18	41.29
EAST NORTH CENTRAL	28.73	25.38	30.96	28.02	28.75	26.81
WEST NORTH CENTRAL	23.92	22.68	25.69	22.58	24.40	21.70
SOUTH ATLANTIC	30.64	26.38	33.65	29.94	32.79	27.91
EAST SOUTH CENTRAL	24.23	20.97	30.00	23.59	20.38	.
WEST SOUTH CENTRAL	30.54	27.50	34.19	30.46	26.05	32.95
MOUNTAIN	30.03	26.38	29.39	25.43	.	38.69
PACIFIC	36.20	32.55	39.79	34.34	34.90	43.26
TYPE OF PRACTICE						
SOLO	32.01	27.09	33.82	32.52	31.77	36.47
NON-SOLO	30.53	25.86	34.17	28.07	30.62	30.48
LOCATION						
NONMETROPOLITAN	24.26	23.25	27.75	23.48	.	24.05
METROPOLITAN						
LESS THAN 1,000,000	27.73	25.27	29.85	26.38	26.27	29.90
1,000,000 AND OVER	36.39	31.66	37.51	35.84	35.51	39.05
EMPLOYMENT STATUS						
SELF-EMPLOYED	31.02	26.84	33.78	30.14	30.63	33.66
EMPLOYEE	33.03	24.70	35.28	32.96	33.06	33.85
PHYSICIAN AGE						
LESS THAN 36 YEARS	30.63	25.97	32.91	31.38	25.48	38.80
36-45 YEARS	33.04	26.64	35.16	31.14	34.33	32.44
46-55 YEARS	30.17	27.35	32.76	28.70	28.42	34.04
56-65 YEARS	30.21	26.45	35.05	29.74	29.47	32.20
66 OR MORE YEARS	30.50	26.47	31.90	36.45	31.33	32.33

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

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**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 31 (CONTINUED). STANDARD ERROR OF THE MEAN FEE FOR A FOLLOW-UP HOSPITAL VISIT (IN DOLLARS), 1985*

		SPECIALTY				
	ALL PHYSICIANS**	GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	0.36	0.49	0.65	0.65	1.18	1.39
CENSUS DIVISION						
NEW ENGLAND	1.20	.	1.21	2.75	3.97	.
MIDDLE ATLANTIC	0.96	1.27	1.24	2.33	2.79	3.86
EAST NORTH CENTRAL	1.03	1.13	1.82	1.78	2.75	1.91
WEST NORTH CENTRAL	0.94	1.14	1.31	1.77	2.83	1.25
SOUTH ATLANTIC	0.76	1.18	1.27	1.39	3.46	2.26
EAST SOUTH CENTRAL	1.06	1.55	3.15	1.47	1.74	.
WEST SOUTH CENTRAL	0.81	1.61	1.83	1.45	1.48	2.62
MOUNTAIN	1.62	1.56	1.38	2.54	.	7.93
PACIFIC	0.88	1.22	2.35	1.18	2.99	3.80
TYPE OF PRACTICE						
SOLO	0.51	0.64	0.78	0.91	2.16	2.06
NON-SOLO	0.49	0.76	1.04	0.90	1.39	1.78
LOCATION						
NONMETROPOLITAN	0.66	0.91	1.85	1.44	.	1.85
METROPOLITAN						
LESS THAN 1,000,000	0.41	0.66	0.88	0.71	1.20	1.66
1,000,000 AND OVER	0.61	0.90	0.93	1.09	1.93	2.35
EMPLOYMENT STATUS						
SELF-EMPLOYED	0.37	0.53	0.69	0.63	1.22	1.45
EMPLOYEE	1.18	1.32	1.92	3.26	3.59	5.04
PHYSICIAN AGE						
LESS THAN 36 YEARS	0.83	1.03	1.15	2.37	2.58	4.19
36-45 YEARS	0.70	0.78	1.20	1.21	2.28	2.21
46-55 YEARS	0.59	1.19	1.13	0.94	1.39	2.47
56-65 YEARS	0.80	1.16	1.90	1.26	2.31	3.78
66 OR MORE YEARS	1.13	1.37	2.05	3.90	3.76	3.19

SOURCE: 1985 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

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**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.
.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 32. MEAN FEE FOR A FOLLOW-UP HOSPITAL VISIT (IN DOLLARS), 1975-76, 1978-80, 1982-85*

	1975	1976	1978	1979	1980	1982	1983	1984	1985
ALL PHYSICIANS	16.98	19.92	22.28	24.06	26.70	23.55	28.88	29.73	31.28
SPECIALTY									
GENERAL/FAMILY PRACTICE	13.51	16.11	17.89	19.06	21.84	21.79	24.72	24.94	26.58
INTERNAL MEDICINE	18.56	21.02	23.95	25.11	27.93	28.36	31.74	33.64	34.00
SURGERY	18.29	20.95	23.71	24.91	28.92	21.89	27.98	29.08	30.40
PEDIATRICS	16.14	18.59	20.30	23.32	22.61	24.81	27.55	29.12	31.05
OBSTETRICS/GYNECOLOGY	17.99	23.25	24.79	27.03	27.69	20.46	32.03	30.34	33.67
CENSUS DIVISION									
NEW ENGLAND	15.56	20.88	19.71	23.04	26.07	21.18	27.05	30.84	29.93
MIDDLE ATLANTIC	19.26	22.79	25.43	27.29	29.19	26.32	31.81	36.37	37.32
EAST NORTH CENTRAL	15.94	18.11	20.33	21.19	24.02	21.38	26.82	26.81	28.73
WEST NORTH CENTRAL	13.41	15.74	17.58	18.79	21.09	18.77	22.01	23.66	23.92
SOUTH ATLANTIC	17.11	20.09	23.43	25.53	27.05	23.10	29.03	29.62	30.64
EAST SOUTH CENTRAL	14.61	15.46	18.82	19.65	21.23	19.31	21.74	22.25	24.23
WEST SOUTH CENTRAL	16.10	18.71	20.26	24.36	24.48	23.69	29.22	28.28	30.54
MOUNTAIN	15.29	18.31	19.06	22.16	23.91	25.85	25.72	26.84	30.03
PACIFIC	19.56	22.78	26.23	26.57	32.57	28.27	36.18	34.55	36.20
TYPE OF PRACTICE									
SOLO	17.08	20.09	22.52	24.23	26.79	23.99	29.62	30.32	32.01
NON-SOLO	16.86	19.73	21.91	23.86	26.60	23.03	28.14	29.09	30.53
LOCATION									
NONMETROPOLITAN	12.78	15.00	16.92	17.65	19.54	19.90	22.02	23.20	24.26
METROPOLITAN									
LESS THAN 1,000,000	15.91	18.63	20.53	22.19	24.00	22.03	26.30	27.01	27.73
1,000,000 AND OVER	19.49	22.43	25.29	27.49	30.66	26.21	33.74	34.36	36.39
PHYSICIAN AGE									
LESS THAN 36 YEARS	17.60	19.23	23.78	23.90	28.00	24.70	29.31	29.34	30.63
36-45 YEARS	17.14	20.52	23.44	25.03	26.64	23.57	28.94	30.07	33.04
46-55 YEARS	16.86	20.13	21.25	24.92	26.69	24.70	29.42	29.98	30.17
56-65 YEARS	17.00	19.10	21.71	22.97	26.84	22.15	29.00	29.74	30.21
66 OR MORE YEARS	16.23	19.88	20.98	22.04	24.82	21.75	26.21	28.04	30.50

SOURCE: 1982-85, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS; 1976-80, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS EXCLUDING RESIDENTS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR 1982 TO 1984 MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF CHANGES IN COMPUTATION PROCEDURES. SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 32 (CONTINUED). STANDARD ERROR OF THE MEAN FEE FOR A FOLLOW-UP HOSPITAL VISIT (IN DOLLARS), 1975-76, 1978-80, 1982-85*

	1975	1976	1978	1979	1980	1982	1983	1984	1985
ALL PHYSICIANS	0.20	0.27	0.26	0.28	0.41	0.30	0.40	0.34	0.36
SPECIALTY									
GENERAL/FAMILY PRACTICE	0.27	0.34	0.39	0.39	0.91	0.49	0.66	0.50	0.49
INTERNAL MEDICINE	0.46	0.61	0.60	0.59	0.61	0.70	0.78	0.74	0.65
SURGERY	0.40	0.58	0.53	0.55	0.92	0.55	0.67	0.62	0.65
PEDIATRICS	0.63	0.68	0.69	0.84	0.75	0.85	1.15	1.03	1.18
OBSTETRICS/GYNECOLOGY	0.62	0.90	0.87	0.90	0.94	1.04	2.10	1.25	1.39
CENSUS DIVISION									
NEW ENGLAND	0.64	1.84	0.83	0.94	1.32	1.07	1.11	1.40	1.20
MIDDLE ATLANTIC	0.56	0.65	0.75	0.75	1.43	0.97	1.04	1.12	0.96
EAST NORTH CENTRAL	0.43	0.52	0.55	0.61	0.60	0.58	1.10	0.78	1.03
WEST NORTH CENTRAL	0.54	0.67	0.74	0.81	0.90	0.90	1.12	0.89	0.94
SOUTH ATLANTIC	0.50	0.57	0.70	0.78	0.77	0.76	0.86	0.76	0.76
EAST SOUTH CENTRAL	1.04	0.70	0.91	0.91	0.84	0.75	0.77	0.74	1.06
WEST SOUTH CENTRAL	0.58	0.68	0.71	0.93	0.81	0.82	1.12	0.80	0.81
MOUNTAIN	0.72	1.09	0.80	0.88	1.06	1.42	1.48	1.06	1.62
PACIFIC	0.52	0.80	0.72	0.70	1.37	0.88	1.19	0.98	0.88
TYPE OF PRACTICE									
SOLO	0.27	0.38	0.35	0.40	0.57	0.44	0.63	0.50	0.51
NON-SOLO	0.29	0.38	0.39	0.39	0.58	0.41	0.48	0.47	0.49
LOCATION									
NONMETROPOLITAN	0.36	0.53	0.60	0.52	0.58	0.70	0.62	0.57	0.66
METROPOLITAN									
LESS THAN 1,000,000	0.29	0.41	0.35	0.39	0.38	0.41	0.52	0.46	0.41
1,000,000 AND OVER	0.32	0.41	0.43	0.45	0.76	0.52	0.70	0.57	0.61
PHYSICIAN AGE									
LESS THAN 36 YEARS	0.64	0.81	0.77	0.97	1.07	0.80	1.03	0.88	0.83
36-45 YEARS	0.36	0.53	0.54	0.56	0.51	0.51	0.61	0.57	0.70
46-55 YEARS	0.36	0.44	0.43	0.55	0.58	0.62	0.77	0.65	0.59
56-65 YEARS	0.44	0.46	0.55	0.54	1.44	0.70	1.13	0.80	0.80
66 OR MORE YEARS	0.57	1.24	0.84	0.66	0.77	1.07	1.10	1.48	1.13

SOURCE: 1982-85, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS; 1976-80, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS EXCLUDING RESIDENTS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR 1982 TO 1984 MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF CHANGES IN COMPUTATION PROCEDURES. SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 33. MEAN PROFESSIONAL EXPENSES OF SELF-EMPLOYED PHYSICIANS (IN THOUSANDS OF DOLLARS), 1985*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	102.3	95.0	89.6	136.8	89.1	130.0
CENSUS DIVISION						
NEW ENGLAND	85.9	.	49.8	103.6	.	.
MIDDLE ATLANTIC	84.7	74.8	76.9	96.7	81.1	123.0
EAST NORTH CENTRAL	91.4	97.3	90.5	135.8	69.6	107.0
WEST NORTH CENTRAL	103.2	114.2	84.3	119.0	.	.
SOUTH ATLANTIC	109.5	78.7	94.8	156.1	92.8	117.1
EAST SOUTH CENTRAL	107.1	100.2	83.4	135.6	115.8	.
WEST SOUTH CENTRAL	121.4	103.7	100.2	142.4	113.6	149.2
MOUNTAIN	112.7	89.3	129.1	147.6	.	142.8
PACIFIC	108.1	111.2	98.0	151.5	92.8	134.3
TYPE OF PRACTICE						
SOLO	90.6	90.5	79.0	120.5	78.9	116.9
NON-SOLO	118.9	103.8	105.9	163.9	97.9	148.1
LOCATION						
NONMETROPOLITAN	93.0	93.1	77.3	119.5	70.8	111.5
METROPOLITAN						
LESS THAN 1,000,000	105.7	92.5	90.3	138.4	99.8	131.3
1,000,000 AND OVER	101.3	100.0	90.7	139.6	84.7	132.0
PHYSICIAN AGE						
LESS THAN 36 YEARS	78.9	77.4	67.8	127.2	50.5	102.1
36-45 YEARS	102.8	105.1	82.6	140.5	96.7	125.8
46-55 YEARS	113.9	104.9	120.6	145.1	91.4	149.0
56-65 YEARS	107.7	100.7	94.2	134.3	101.7	140.9
66 OR MORE YEARS	82.9	67.6	73.0	101.3	.	.

SOURCE: 1986 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**INCLUDES PHYSICIANS IN SPECIALTIES NOT LISTED SEPARATELY.
.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 33 (CONTINUED). STANDARD ERROR OF MEAN PROFESSIONAL EXPENSES OF SELF-EMPLOYED PHYSICIANS (IN THOUSANDS OF DOLLARS), 1985*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	2.51	4.72	4.09	5.73	5.69	6.59
CENSUS DIVISION						
NEW ENGLAND	13.31	.	4.75	11.85	.	.
MIDDLE ATLANTIC	5.44	9.95	7.31	8.50	12.85	17.69
EAST NORTH CENTRAL	5.08	11.00	8.24	14.16	10.84	10.77
WEST NORTH CENTRAL	12.68	26.00	17.57	23.42	.	.
SOUTH ATLANTIC	6.83	6.93	10.11	17.38	14.26	18.99
EAST SOUTH CENTRAL	7.91	17.05	12.76	17.71	18.73	.
WEST SOUTH CENTRAL	9.09	10.17	10.71	16.10	29.04	20.11
MOUNTAIN	9.91	11.71	33.29	17.22	.	19.35
PACIFIC	5.34	14.80	9.83	14.57	13.09	15.56
TYPE OF PRACTICE						
SOLO	2.58	5.10	4.63	5.49	7.34	7.57
NON-SOLO	4.80	9.73	7.33	11.97	8.41	11.41
LOCATION						
NONMETROPOLITAN	4.97	6.28	8.85	15.88	12.04	13.04
METROPOLITAN						
LESS THAN 1,000,000	3.92	5.67	6.48	8.49	10.65	9.97
1,000,000 AND OVER	3.91	11.94	5.85	8.87	7.10	10.10
PHYSICIAN AGE						
LESS THAN 36 YEARS	4.58	7.79	6.82	17.28	12.60	14.17
36-45 YEARS	4.19	7.83	6.69	9.82	9.35	9.35
46-55 YEARS	5.13	12.11	9.65	9.45	9.80	15.92
56-65 YEARS	6.08	11.63	11.72	14.81	16.80	13.20
66 OR MORE YEARS	9.77	9.44	6.93	21.10	.	.

SOURCE: 1986 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**INCLUDES PHYSICIANS IN SPECIALTIES NOT LISTED SEPARATELY.
.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 34. MEAN PROFESSIONAL EXPENSES (IN THOUSANDS OF DOLLARS), 1975, 1977-79, 1981-85*

	1975	1977	1978	1979	1981	1982	1983	1984	1985
ALL PHYSICIANS	38.5	45.5	46.4	52.9	74.0	78.4	85.9	92.6	102.3
SPECIALTY									
GENERAL/FAMILY PRACTICE	38.6	46.1	47.8	55.7	72.7	75.7	80.5	89.0	95.0
INTERNAL MEDICINE	40.4	45.6	44.8	52.5	76.0	75.8	87.5	89.5	89.6
SURGERY	49.1	60.4	63.4	69.3	92.1	105.0	113.3	131.2	136.8
PEDIATRICS	34.6	39.1	35.1	51.0	63.9	66.7	66.6	78.2	89.1
OBSTETRICS/GYNECOLOGY	48.5	60.9	61.9	67.0	99.6	109.0	108.0	119.4	130.0
CENSUS DIVISION									
NEW ENGLAND	28.4	36.5	31.1	38.0	53.8	69.6	72.8	65.1	85.9
MIDDLE ATLANTIC	33.4	34.2	39.6	41.8	65.7	59.0	68.7	82.5	84.7
EAST NORTH CENTRAL	39.9	41.4	45.8	52.1	72.4	71.2	86.8	83.0	91.4
WEST NORTH CENTRAL	37.7	45.6	47.4	52.0	78.3	87.8	87.1	99.7	103.2
SOUTH ATLANTIC	36.8	48.9	45.8	54.9	78.4	82.3	90.4	98.1	109.5
EAST SOUTH CENTRAL	48.0	47.5	53.1	66.0	92.0	86.3	89.2	99.8	107.1
WEST SOUTH CENTRAL	44.8	56.4	52.4	61.2	83.3	100.7	107.4	116.3	121.4
MOUNTAIN	36.5	52.9	48.7	54.5	62.9	77.6	70.8	85.5	112.7
PACIFIC	44.3	53.0	53.1	60.2	77.8	78.1	89.7	98.1	108.1
TYPE OF PRACTICE									
SOLO	38.0	43.6	47.7	50.5	70.9	71.2	77.8	84.6	90.6
NON-SOLO	39.1	48.6	44.7	55.8	80.4	87.9	98.8	105.2	118.9
LOCATION									
NONMETROPOLITAN	40.0	47.5	53.0	62.1	69.6	82.9	88.0	84.9	93.0
METROPOLITAN									
LESS THAN 1,000,000	38.7	48.2	49.1	53.4	81.4	78.1	91.5	96.6	105.7
1,000,000 AND OVER	38.0	42.8	42.7	50.9	68.6	77.5	79.7	90.9	101.3
PHYSICIAN AGE									
LESS THAN 36 YEARS	29.0	31.1	28.2	37.4	53.8	55.6	67.3	90.3	78.9
36-45 YEARS	41.3	52.2	47.9	59.6	79.9	77.6	88.9	95.1	102.8
46-55 YEARS	43.2	52.1	55.9	63.3	88.8	96.4	100.8	104.7	113.9
56-65 YEARS	39.0	43.6	48.3	49.3	67.6	80.4	82.5	85.0	107.7
66 OR MORE YEARS	24.2	28.6	32.2	36.4	67.6	56.0	62.1	68.8	82.9

SOURCE: 1982-86, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS. 1976-80, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*DATA, OTHER THAN IN THE SPECIALTY BREAKDOWN, ARE BASED ON RESPONSES FROM PHYSICIANS IN ALL SPECIALTIES. SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 34 (CONTINUED). STANDARD ERROR OF MEAN PROFESSIONAL EXPENSES (IN THOUSANDS OF DOLLARS), 1975, 1977-79, 1981-85*

	1975	1977	1978	1979	1981	1982	1983	1984	1985
ALL PHYSICIANS	0.54	0.87	0.87	1.01	2.39	1.84	1.72	2.15	2.51
SPECIALTY									
GENERAL/FAMILY PRACTICE	1.04	1.51	1.65	2.09	4.31	2.90	3.32	4.07	4.72
INTERNAL MEDICINE	1.25	1.58	1.56	2.17	5.24	3.48	4.35	4.43	4.09
SURGERY	1.22	2.19	2.41	2.26	5.56	5.00	3.74	6.17	5.73
PEDIATRICS	1.76	2.19	2.14	3.37	9.24	4.75	3.26	4.19	5.69
OBSTETRICS/GYNECOLOGY	2.16	3.42	3.29	4.47	11.85	6.33	5.02	6.15	6.59
CENSUS DIVISION									
NEW ENGLAND	1.71	2.44	2.01	2.60	6.83	7.98	5.46	5.67	13.31
MIDDLE ATLANTIC	1.11	1.20	1.73	2.08	4.79	4.13	3.71	6.21	5.44
EAST NORTH CENTRAL	1.35	1.52	2.33	2.43	5.98	3.58	4.63	3.70	5.08
WEST NORTH CENTRAL	2.15	2.90	3.23	2.89	6.13	8.82	6.39	8.31	12.68
SOUTH ATLANTIC	1.30	2.15	1.94	2.45	7.16	4.79	4.16	5.72	6.83
EAST SOUTH CENTRAL	3.69	3.10	4.57	6.13	17.53	7.65	5.39	7.13	7.91
WEST SOUTH CENTRAL	1.80	4.27	3.35	3.67	6.71	5.97	7.21	6.83	9.09
MOUNTAIN	1.82	6.69	2.85	3.67	6.31	5.85	5.04	7.91	9.91
PACIFIC	1.45	2.36	2.40	2.83	5.11	4.65	4.15	5.60	5.34
TYPE OF PRACTICE									
SOLO	0.68	0.97	1.13	1.05	2.83	1.92	1.96	2.35	2.58
NON-SOLO	0.87	1.64	1.36	1.85	4.41	3.40	3.12	4.05	4.80
LOCATION									
NONMETROPOLITAN	1.71	2.21	2.47	3.93	4.61	4.87	5.11	3.81	4.97
METROPOLITAN									
LESS THAN 1,000,000	0.85	1.57	1.38	1.50	4.46	2.63	2.56	3.46	3.92
1,000,000 AND OVER	0.77	1.11	1.25	1.45	3.00	3.01	2.59	3.25	3.91
PHYSICIAN AGE									
LESS THAN 36 YEARS	2.06	1.64	2.21	1.76	3.29	3.10	3.85	8.25	4.58
36-45 YEARS	1.02	1.72	1.76	2.28	4.29	3.12	3.17	3.16	4.19
46-55 YEARS	1.00	1.85	1.96	2.30	6.04	4.41	3.68	5.29	5.13
56-65 YEARS	1.16	1.79	1.60	1.61	4.18	4.09	3.48	3.71	6.08
66 OR MORE YEARS	1.14	1.61	1.51	2.07	9.79	3.67	4.46	4.29	9.77

SOURCE: 1982-86, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS. 1976-80, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*DATA, OTHER THAN IN THE SPECIALTY BREAKDOWN, ARE BASED ON RESPONSES FROM PHYSICIANS IN ALL SPECIALTIES. SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 35. MEDIAN PROFESSIONAL EXPENSES OF SELF-EMPLOYED PHYSICIANS (IN THOUSANDS OF DOLLARS), 1985*

		SPECIALTY				
	ALL PHYSICIANS**	GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	77.0	80.0	74.0	106.5	73.5	116.0
CENSUS DIVISION						
NEW ENGLAND	58.0	.	51.0	99.0	.	.
MIDDLE ATLANTIC	59.5	61.0	63.0	77.0	61.0	101.0
EAST NORTH CENTRAL	70.0	83.0	75.0	101.0	65.0	109.0
WEST NORTH CENTRAL	81.0	87.0	89.5	102.0	.	.
SOUTH ATLANTIC	80.0	69.0	78.0	113.0	75.0	100.5
EAST SOUTH CENTRAL	85.0	75.0	88.0	104.5	83.0	.
WEST SOUTH CENTRAL	89.0	84.5	98.0	119.0	89.5	128.0
MOUNTAIN	84.0	82.0	79.0	121.0	.	135.0
PACIFIC	85.0	82.0	82.0	109.0	84.0	119.0
TYPE OF PRACTICE						
SOLO	71.0	74.0	66.5	97.0	63.0	105.5
NON-SOLO	88.0	87.0	92.5	128.0	85.0	138.0
LOCATION						
NONMETROPOLITAN	80.0	82.0	77.0	91.0	60.0	116.0
METROPOLITAN						
LESS THAN 1,000,000	79.0	79.5	72.0	105.0	78.5	112.0
1,000,000 AND OVER	71.0	72.0	74.5	109.0	73.0	116.0
PHYSICIAN AGE						
LESS THAN 36 YEARS	65.5	70.0	59.0	121.0	49.0	88.0
36-45 YEARS	79.0	90.0	71.0	110.0	75.0	120.0
46-55 YEARS	90.0	84.0	100.0	116.0	93.5	116.0
56-65 YEARS	79.0	80.5	68.0	95.0	91.0	128.0
66 OR MORE YEARS	55.5	51.0	66.0	71.0	.	.

SOURCE: 1986 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**INCLUDES PHYSICIANS IN SPECIALTIES NOT LISTED SEPARATELY.
.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 36. MEDIAN PROFESSIONAL EXPENSES (IN THOUSANDS OF DOLLARS), 1975, 1977-79, 1981-85*

	1975	1977	1978	1979	1981	1982	1983	1984	1985
ALL PHYSICIANS	31.0	36.0	35.0	40.0	52.0	60.0	67.0	73.0	77.0
SPECIALTY									
GENERAL/FAMILY PRACTICE	35.0	40.0	40.0	44.0	57.5	64.0	69.0	75.0	80.0
INTERNAL MEDICINE	35.0	39.0	40.0	42.0	60.0	66.0	66.0	73.0	74.0
SURGERY	40.0	47.0	50.0	52.0	70.0	75.5	98.5	105.0	106.5
PEDIATRICS	30.0	38.0	31.0	40.0	50.0	57.0	63.0	69.0	73.5
OBSTETRICS/GYNECOLOGY	40.0	50.0	50.0	59.5	75.0	95.0	98.5	102.5	116.0
CENSUS DIVISION									
NEW ENGLAND	24.0	30.0	25.0	30.0	40.0	47.0	55.0	50.0	58.0
MIDDLE ATLANTIC	28.0	30.0	30.0	30.0	50.0	47.0	51.0	64.0	59.5
EAST NORTH CENTRAL	30.0	34.0	35.0	40.0	50.0	60.0	65.0	69.5	70.0
WEST NORTH CENTRAL	33.0	35.0	35.0	46.0	76.0	64.0	69.0	80.0	81.0
SOUTH ATLANTIC	30.0	40.0	35.5	44.0	50.0	60.5	71.0	75.0	80.0
EAST SOUTH CENTRAL	40.0	45.0	40.0	44.0	58.0	70.5	80.0	84.0	85.0
WEST SOUTH CENTRAL	40.0	40.0	40.0	45.0	62.0	80.0	77.5	88.0	89.0
MOUNTAIN	35.0	40.0	40.0	44.0	49.0	63.0	60.5	65.5	84.0
PACIFIC	40.0	40.0	40.0	45.0	58.0	60.0	71.0	74.0	85.0
TYPE OF PRACTICE									
SOLO	30.0	35.0	38.0	40.0	50.0	59.0	60.0	68.0	71.0
NON-SOLO	33.0	40.0	31.5	40.0	60.0	64.0	78.0	81.0	88.0
LOCATION									
NONMETROPOLITAN	34.0	40.0	43.0	45.0	60.0	66.0	70.0	76.0	80.0
METROPOLITAN									
LESS THAN 1,000,000	32.0	40.0	40.0	40.0	56.5	63.0	72.0	76.0	79.0
1,000,000 AND OVER	30.0	33.5	30.0	38.0	50.0	57.0	60.0	68.0	71.0
PHYSICIAN AGE									
LESS THAN 36 YEARS	20.0	22.0	21.0	30.0	43.0	47.0	58.0	68.0	65.5
36-45 YEARS	35.0	40.0	40.0	45.0	55.0	63.0	69.0	76.0	79.0
46-55 YEARS	38.0	40.0	43.0	45.0	65.0	69.0	82.5	83.0	90.0
56-65 YEARS	33.0	35.0	40.0	40.0	50.0	63.0	61.0	69.0	79.0
66 OR MORE YEARS	19.0	20.0	25.0	28.0	45.0	46.0	46.0	56.0	55.5

SOURCE: 1982-86, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS. 1976-80, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*DATA, OTHER THAN IN THE SPECIALTY BREAKDOWN, ARE BASED ON RESPONSES FROM PHYSICIANS IN ALL SPECIALTIES. SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 37. MEANS OF SELECTED COMPONENTS OF PROFESSIONAL EXPENSES (IN THOUSANDS OF DOLLARS), 1985*

	NON-PHYSICIAN PAYROLL	OFFICE EXPENSES	MEDICAL SUPPLIES	PROFESSIONAL LIABILITY INSURANCE	MEDICAL EQUIPMENT
ALL PHYSICIANS	34.9	25.8	10.9	10.1	5.9
SPECIALTY					
GENERAL/FAMILY PRACTICE	36.6	24.8	14.2	6.7	4.8
INTERNAL MEDICINE	30.6	25.9	11.4	6.2	7.2
SURGERY	43.1	31.5	13.6	16.4	8.5
PEDIATRICS	33.2	23.3	12.5	4.6	3.9
OBSTETRICS/GYNECOLOGY	43.0	35.5	12.2	23.1	7.1
CENSUS DIVISION					
NEW ENGLAND	26.6	26.3	10.7	9.0	5.0
MIDDLE ATLANTIC	26.2	21.2	7.4	11.9	4.7
EAST NORTH CENTRAL	29.9	24.4	9.3	10.3	5.1
WEST NORTH CENTRAL	36.2	26.7	13.1	9.7	5.2
SOUTH ATLANTIC	41.3	24.0	12.0	10.9	5.6
EAST SOUTH CENTRAL	49.0	25.1	11.5	10.1	6.0
WEST SOUTH CENTRAL	44.3	30.8	15.0	6.7	6.9
MOUNTAIN	32.8	27.8	13.2	7.8	11.6
PACIFIC	33.4	29.5	9.9	10.9	5.5
TYPE OF PRACTICE					
SOLO	28.5	24.3	9.6	9.5	5.5
NON-SOLO	44.9	28.2	12.9	10.7	6.5
LOCATION					
NONMETROPOLITAN	34.0	21.8	13.1	7.4	6.3
METROPOLITAN					
LESS THAN 1,000,000	37.0	26.1	10.9	9.9	6.2
1,000,000 AND OVER	33.0	26.7	10.2	11.0	5.5
PHYSICIAN AGE					
LESS THAN 36 YEARS	24.6	22.6	9.9	8.9	6.2
36-45 YEARS	34.8	25.9	11.0	10.3	6.7
46-55 YEARS	40.3	29.4	11.2	11.0	5.6
56-65 YEARS	37.2	23.6	11.8	10.3	5.5
66 OR MORE YEARS	28.2	24.6	8.7	8.3	3.9

SOURCE: 1986 AMA SOCIOCONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*DATA EXCLUDE EMPLOYEE PHYSICIANS. DATA, OTHER THAN IN THE SPECIALTY BREAKDOWN, ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES. SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 37 (CONTINUED). STANDARD ERRORS OF MEANS OF SELECTED COMPONENTS OF PROFESSIONAL EXPENSES (IN THOUSANDS OF DOLLARS), 1985*

	NON-PHYSICIAN PAYROLL	OFFICE EXPENSES	MEDICAL SUPPLIES	PROFESSIONAL LIABILITY INSURANCE	MEDICAL EQUIPMENT
ALL PHYSICIANS	1.19	0.81	0.47	0.21	0.43
SPECIALTY					
GENERAL/FAMILY PRACTICE	2.12	1.78	1.13	0.43	0.39
INTERNAL MEDICINE	1.83	1.50	1.10	0.40	2.29
SURGERY	2.18	1.63	1.13	0.47	0.77
PEDIATRICS	2.44	2.01	1.33	0.31	0.43
OBSTETRICS/GYNECOLOGY	3.46	3.08	1.17	1.05	0.97
CENSUS DIVISION					
NEW ENGLAND	3.58	5.79	3.09	0.89	1.99
MIDDLE ATLANTIC	2.10	1.73	0.86	0.57	0.75
EAST NORTH CENTRAL	2.01	1.96	0.93	0.47	0.62
WEST NORTH CENTRAL	4.33	3.78	3.35	0.70	0.77
SOUTH ATLANTIC	3.53	1.51	1.07	0.60	0.53
EAST SOUTH CENTRAL	5.29	2.51	1.10	1.09	0.73
WEST SOUTH CENTRAL	5.96	2.34	1.71	0.39	0.95
MOUNTAIN	3.04	4.03	1.89	0.61	5.23
PACIFIC	2.09	2.00	1.06	0.52	0.54
TYPE OF PRACTICE					
SOLO	0.91	0.96	0.50	0.28	0.63
NON-SOLO	2.66 6	1.44	0.93	0.31	0.53
LOCATION					
NONMETROPOLITAN	1.97	1.78	1.36	0.36	0.77
METROPOLITAN					
LESS THAN 1,000,000	1.74	1.32	0.67	0.32	0.53
1,000,000 AND OVER	2.00	1.17	0.76	0.33	0.81
PHYSICIAN AGE					
LESS THAN 36 YEARS	1.51	1.93	1.16	0.51	0.78
36-45 YEARS	1.93	1.30	0.73	0.35	1.00
46-55 YEARS	2.77	1.71	0.88	0.44	0.69
56-65 YEARS	3.12	1.37	1.33	0.49	0.56
66 OR MORE YEARS	2.87	4.26	1.75	0.79	1.43

SOURCE: 1986 AMA SOCIOCONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*DATA EXCLUDE EMPLOYEE PHYSICIANS. DATA, OTHER THAN IN THE SPECIALTY BREAKDOWN, ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES. SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 38. MEAN PHYSICIAN NET INCOME AFTER EXPENSES BEFORE TAXES (IN THOUSANDS OF DOLLARS), 1985*

	ALL PHYSICIANS**	SPECIALTY								
		GP/FP	INT MED	SURG	PED	OB/GYN	RAD	PSYCH	ANES	PATH
ALL PHYSICIANS	113.2	77.9	101.0	155.4	77.1	122.7	150.8	88.6	140.2	127.0
CENSUS DIVISION										
NEW ENGLAND	108.3	60.6	83.7	159.8	80.2	144.0	195.3	78.9	121.8	.
MIDDLE ATLANTIC	107.9	78.2	94.8	156.0	77.6	106.8	153.8	92.3	133.3	100.1
EAST NORTH CENTRAL	118.9	77.0	119.0	159.0	70.9	110.4	165.8	89.4	135.5	128.5
WEST NORTH CENTRAL	113.7	68.5	118.9	171.5	70.6	.	155.0	102.3	107.7	.
SOUTH ATLANTIC	112.6	82.0	100.6	145.2	76.3	125.8	140.6	89.1	146.7	135.9
EAST SOUTH CENTRAL	115.0	84.2	89.5	156.1	96.9	155.8	.	.	168.0	.
WEST SOUTH CENTRAL	123.3	83.3	120.2	169.6	75.7	137.7	131.2	94.0	145.7	153.8
MOUNTAIN	97.5	67.9	70.6	120.9	58.5	129.4	.	91.9	.	.
PACIFIC	113.6	80.3	99.0	159.3	83.5	111.5	161.0	83.6	156.8	115.0
TYPE OF PRACTICE										
SOLO	111.1	79.3	106.6	144.7	79.3	122.1	118.3	95.0	149.3	125.6
NON-SOLO	114.6	76.6	97.1	165.6	76.2	123.2	155.6	77.9	136.5	127.3
LOCATION										
NONMETROPOLITAN	94.2	80.0	84.2	126.5	67.3	100.1	110.4	.	.	.
METROPOLITAN										
LESS THAN 1,000,000	118.1	78.4	101.8	160.7	78.8	127.1	159.1	92.2	141.9	130.3
1,000,000 AND OVER	112.8	75.7	102.2	156.3	77.3	121.6	152.8	86.7	142.2	122.2
EMPLOYMENT STATUS										
SELF-EMPLOYED	124.5	81.6	110.8	161.9	84.3	129.1	170.3	99.0	152.4	154.0
EMPLOYEE	83.8	67.3	75.9	117.4	63.1	82.0	112.8	66.9	108.9	97.1
PHYSICIAN AGE										
LESS THAN 36 YEARS	85.1	64.6	80.0	124.2	57.6	84.3	99.5	78.8	112.4	.
36-45 YEARS	116.8	83.8	105.3	166.0	78.9	132.0	159.4	80.8	132.2	105.0
46-55 YEARS	135.3	84.6	129.3	169.4	87.1	138.6	164.3	108.4	169.0	145.5
56-65 YEARS	115.2	86.4	100.8	144.4	84.5	130.0	160.0	89.7	156.7	144.8
66 OR MORE YEARS	83.9	59.1	67.3	119.6	.	76.0	.	71.4	145.3	.

SOURCE: 1986 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**INCLUDES PHYSICIANS IN SPECIALTIES NOT LISTED SEPARATELY.
.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 38 (CONTINUED). STANDARD ERROR OF MEAN PHYSICIAN NET INCOME AFTER EXPENSES BEFORE TAXES (IN THOUSANDS OF DOLLARS), 1985*

	ALL PHYSICIANS**	SPECIALTY								
		GP/FP	INT MED	SURG	PED	OB/GYN	RAD	PSYCH	ANES	PATH
ALL PHYSICIANS	1.35	1.95	2.98	4.13	2.60	4.46	5.17	3.16	5.41	6.73
CENSUS DIVISION										
NEW ENGLAND	4.94	6.87	6.07	14.48	7.72	18.57	17.77	9.50	11.49	.
MIDDLE ATLANTIC	3.03	6.84	5.38	10.40	5.59	8.33	15.58	6.78	10.65	13.81
EAST NORTH CENTRAL	3.78	5.33	10.79	11.33	6.23	8.39	12.11	13.07	9.97	9.58
WEST NORTH CENTRAL	6.23	4.92	21.57	21.40	7.96	.	15.60	23.53	18.62	.
SOUTH ATLANTIC	3.30	4.89	6.81	9.45	5.19	16.92	10.57	6.35	15.49	19.87
EAST SOUTH CENTRAL	5.94	8.99	8.52	16.27	19.35	27.97	.	.	26.06	.
WEST SOUTH CENTRAL	4.56	5.54	11.30	13.28	8.86	10.22	15.41	8.86	20.37	30.95
MOUNTAIN	4.06	5.02	6.70	9.22	5.62	15.39	.	12.15	.	.
PACIFIC	3.08	3.88	5.86	8.99	5.97	8.93	14.06	5.89	20.60	15.77
TYPE OF PRACTICE										
SOLO	2.12	3.33	5.26	5.49	4.70	6.79	15.18	4.42	8.45	15.53
NON-SOLO	1.76	2.17	3.49	6.09	3.12	5.92	5.41	3.81	6.78	7.51
LOCATION										
NONMETROPOLITAN	3.22	4.56	7.57	9.85	6.30	13.20	10.48	.	.	.
METROPOLITAN										
LESS THAN 1,000,000	2.13	2.74	4.88	6.47	4.40	6.58	7.97	5.28	6.73	7.90
1,000,000 AND OVER	1.99	3.25	4.07	6.05	3.52	6.59	7.77	4.04	9.17	12.70
EMPLOYMENT STATUS										
SELF-EMPLOYED	1.72	2.34	3.81	4.64	3.50	4.91	6.26	4.25	6.41	10.33
EMPLOYEE	1.56	3.20	3.31	6.58	3.03	6.44	7.13	2.77	8.63	5.85
PHYSICIAN AGE										
LESS THAN 36 YEARS	2.49	3.17	5.74	11.24	4.00	8.07	9.82	9.37	9.19	.
36-45 YEARS	2.16	3.14	4.24	6.73	3.55	9.14	8.38	4.92	8.33	6.47
46-55 YEARS	3.21	5.04	9.35	7.72	7.16	7.26	8.51	7.83	13.74	16.76
56-65 YEARS	3.12	5.11	6.33	8.73	7.38	8.23	15.48	5.72	15.87	12.10
66 OR MORE YEARS	5.07	4.85	5.64	21.56	.	14.65	.	7.00	14.91	.

SOURCE: 1986 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**INCLUDES PHYSICIANS IN SPECIALTIES NOT LISTED SEPARATELY.
.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 39. MEAN PHYSICIAN NET INCOME AFTER EXPENSES BEFORE TAXES (IN THOUSANDS OF DOLLARS), 1975, 1977-79, 1981-85*

	1975	1977	1978	1979	1981	1982	1983	1984	1985
ALL PHYSICIANS	56.4	61.2	65.5	78.4	93.0	99.5	106.3	108.4	113.2
SPECIALTY									
GENERAL/FAMILY PRACTICE	45.4	51.1	54.6	62.0	72.2	71.9	68.5	71.1	77.9
INTERNAL MEDICINE	57.0	61.5	63.8	76.2	85.1	86.8	93.3	103.2	101.0
SURGERY	68.2	74.0	82.6	96.0	118.6	130.5	145.5	151.8	155.4
PEDIATRICS	44.3	48.2	51.2	60.4	65.1	70.3	70.7	74.5	77.1
OBSTETRICS/GYNECOLOGY	63.3	69.9	70.3	91.8	110.8	115.8	119.9	116.2	122.7
RADIOLOGY	75.2	76.7	81.5	98.0	116.9	136.8	148.0	139.8	150.8
PSYCHIATRY	44.8	48.2	50.2	62.6	70.6	76.5	80.0	85.5	88.6
ANESTHESIOLOGY	57.1	65.5	74.2	91.4	118.6	131.4	144.7	145.4	140.2
CENSUS DIVISION									
NEW ENGLAND	47.2	53.1	54.9	66.6	85.0	82.2	84.5	87.3	108.3
MIDDLE ATLANTIC	53.2	55.9	59.1	73.2	85.6	91.1	98.6	98.4	107.9
EAST NORTH CENTRAL	59.9	62.7	69.9	81.2	100.9	106.2	114.3	109.4	118.9
WEST NORTH CENTRAL	56.6	61.1	70.2	79.4	87.4	106.5	110.5	110.7	113.7
SOUTH ATLANTIC	58.2	61.8	64.9	79.8	92.6	97.9	106.7	114.5	112.6
EAST SOUTH CENTRAL	65.5	68.2	79.7	87.0	97.5	106.8	114.9	122.2	115.0
WEST SOUTH CENTRAL	61.4	67.9	70.9	85.8	101.6	118.7	124.4	119.1	123.3
MOUNTAIN	54.7	57.5	61.8	73.5	92.6	95.8	91.4	102.3	97.5
PACIFIC	54.8	63.6	64.9	78.6	91.7	92.9	103.1	109.4	113.6
TYPE OF PRACTICE									
SOLO	51.6	56.3	61.3	75.8	88.2	93.4	100.0	103.8	111.1
NON-SOLO	61.1	68.3	69.9	80.7	97.2	104.0	111.3	111.9	114.6
LOCATION									
NONMETROPOLITAN	50.2	56.7	64.8	74.1	86.2	86.9	87.2	90.9	94.2
METROPOLITAN									
LESS THAN 1,000,000	58.8	63.2	67.4	78.8	97.7	103.9	111.0	115.1	118.1
1,000,000 AND OVER	55.6	60.6	63.9	78.8	90.2	98.4	106.3	106.4	112.8
PHYSICIAN AGE									
LESS THAN 36 YEARS	43.7	49.6	49.0	64.3	67.3	73.3	77.0	78.9	85.1
36-45 YEARS	62.9	69.9	70.1	87.5	101.0	108.2	110.2	117.3	116.8
46-55 YEARS	62.3	67.7	76.2	87.1	108.9	116.5	133.6	129.2	135.3
56-65 YEARS	54.1	58.7	65.3	75.9	95.8	99.5	103.1	104.1	115.2
66 OR MORE YEARS	35.0	36.8	44.4	54.9	65.5	64.3	71.9	78.3	83.9

SOURCE: 1982-86, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS. 1976-80, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*DATA, OTHER THAN IN THE SPECIALTY BREAKDOWN, ARE BASED ON RESPONSES FROM PHYSICIANS IN ALL SPECIALTIES. SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 39 (CONTINUED). STANDARD ERROR OF MEAN PHYSICIAN NET INCOME AFTER EXPENSES BEFORE TAXES (IN THOUSANDS OF DOLLARS), 1975, 1977-79, 1981-85*

	1975	1977	1978	1979	1981	1982	1983	1984	1985
ALL PHYSICIANS	0.48	0.57	0.65	0.71	1.53	1.23	1.41	1.29	1.35
SPECIALTY									
GENERAL/FAMILY PRACTICE	0.75	1.05	1.11	1.30	3.34	1.88	1.71	1.75	1.95
INTERNAL MEDICINE	1.12	1.30	1.38	1.57	3.28	2.38	3.24	3.04	2.98
SURGERY	1.24	1.42	1.82	1.67	4.04	3.85	4.24	4.01	4.13
PEDIATRICS	1.57	1.52	1.61	1.54	4.86	2.69	3.58	2.76	2.60
OBSTETRICS/GYNECOLOGY	1.73	2.14	2.16	2.87	9.16	4.69	4.97	3.90	4.46
RADIOLOGY	2.40	2.88	2.90	5.39	4.05	4.39	5.60	5.53	5.17
PSYCHIATRY	1.01	1.28	1.37	2.01	2.54	2.82	2.70	2.31	3.16
ANESTHESIOLOGY	1.65	2.78	2.71	2.62	4.97	4.53	4.48	4.85	5.41
CENSUS DIVISION									
NEW ENGLAND	1.61	1.84	2.08	2.11	7.51	3.42	3.41	3.45	4.94
MIDDLE ATLANTIC	1.17	1.23	1.64	1.83	4.46	3.11	3.88	2.78	3.03
EAST NORTH CENTRAL	1.26	1.39	1.74	1.70	4.58	3.16	4.16	3.20	3.78
WEST NORTH CENTRAL	1.68	2.00	2.58	2.12	3.74	4.88	6.36	5.35	6.23
SOUTH ATLANTIC	1.18	1.48	1.64	1.67	3.19	2.78	3.10	3.49	3.30
EAST SOUTH CENTRAL	2.46	2.71	3.41	4.01	5.56	4.33	5.34	6.05	5.94
WEST SOUTH CENTRAL	2.00	2.33	2.26	2.75	4.11	5.28	4.74	4.53	4.56
MOUNTAIN	1.93	2.31	2.23	2.47	4.74	4.87	4.54	4.34	4.06
PACIFIC	1.00	1.40	1.30	1.70	3.47	2.70	3.02	3.11	3.08
TYPE OF PRACTICE									
SOLO	0.67	0.72	0.92	1.07	2.32	1.91	2.13	1.98	2.12
NON-SOLO	0.68	0.90	0.90	0.95	2.01	1.60	1.89	1.70	1.76
LOCATION									
NONMETROPOLITAN	1.26	1.68	1.70	2.36	2.88	2.87	2.74	3.09	3.22
METROPOLITAN									
LESS THAN 1,000,000	0.76	0.91	1.07	1.05	2.43	1.84	2.09	2.20	2.13
1,000,000 AND OVER	0.70	0.82	0.91	1.05	2.29	1.93	2.24	1.75	1.99
PHYSICIAN AGE									
LESS THAN 36 YEARS	1.44	1.30	1.64	1.59	2.20	2.09	2.30	2.52	2.49
36-45 YEARS	0.87	1.09	1.22	1.37	2.66	2.39	2.21	2.30	2.16
46-55 YEARS	0.91	1.01	1.29	1.47	3.47	2.54	3.54	2.91	3.21
56-65 YEARS	0.93	1.33	1.32	1.47	4.29	2.63	3.27	2.43	3.12
66 OR MORE YEARS	1.13	1.38	1.33	1.71	3.18	3.28	3.30	4.31	5.07

SOURCE: 1982-86, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS. 1976-80, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*DATA, OTHER THAN IN THE SPECIALTY BREAKDOWN, ARE BASED ON RESPONSES FROM PHYSICIANS IN ALL SPECIALTIES. SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 4Q. TWENTY-FIFTH PRECENTILE PHYSICIAN NET INCOME AFTER EXPENSES BEFORE TAXES (IN THOUSANDS OF DOLLARS), 1985*

	ALL PHYSICIANS**	SPECIALTY								
		GP/FP	INT MED	SURG	PED	OB/GYN	RAD	PSYCH	ANES	PATH
ALL PHYSICIANS	65.0	50.0	60.0	90.0	50.0	78.0	90.0	55.0	98.0	77.5
CENSUS DIVISION										
NEW ENGLAND	61.8	44.0	57.0	99.0	65.0	117.8	180.8	50.0	90.0	.
MIDDLE ATLANTIC	60.8	42.0	57.0	90.0	47.5	67.5	95.3	60.0	94.0	70.0
EAST NORTH CENTRAL	65.0	51.5	66.3	87.0	44.0	71.0	117.5	45.5	95.3	86.5
WEST NORTH CENTRAL	59.0	42.0	68.0	90.0	45.0	.	103.8	45.8	50.0	.
SOUTH ATLANTIC	64.3	50.0	62.5	79.3	55.0	45.0	90.0	60.0	100.0	77.0
EAST SOUTH CENTRAL	65.0	55.0	58.0	93.0	51.8	100.5	.	.	114.5	.
WEST SOUTH CENTRAL	70.0	52.5	70.5	81.8	46.0	101.0	70.8	52.0	103.5	96.3
MOUNTAIN	60.0	55.0	48.5	77.5	46.5	81.5	.	56.3	.	.
PACIFIC	70.0	60.0	69.5	95.0	58.0	65.0	98.5	52.5	102.0	70.0
TYPE OF PRACTICE										
SOLO	60.0	48.5	60.0	80.0	55.3	75.0	58.5	59.0	120.0	66.0
NON-SOLO	67.3	54.8	62.0	97.0	49.0	83.0	95.8	52.0	96.3	80.0
LOCATION										
NONMETROPOLITAN	60.0	50.0	52.8	75.0	49.3	56.5	79.8	.	.	.
METROPOLITAN										
LESS THAN 1,000,000	69.0	55.0	60.0	90.0	49.8	88.5	92.0	59.0	98.0	84.0
1,000,000 AND OVER	63.0	48.0	61.5	87.0	50.0	70.0	99.0	55.0	98.8	70.0
EMPLOYMENT STATUS										
SELF-EMPLOYED	72.0	53.0	70.0	90.0	57.8	85.0	120.0	60.0	103.0	115.0
EMPLOYEE	55.0	48.8	55.0	80.0	45.0	53.5	75.0	50.0	80.0	70.0
PHYSICIAN AGE										
LESS THAN 36 YEARS	50.0	45.0	45.0	72.8	40.5	50.5	60.0	49.0	74.5	.
36-45 YEARS	70.0	59.3	68.0	104.0	52.5	85.0	91.8	50.5	87.5	70.0
46-55 YEARS	80.0	60.0	80.0	100.0	58.5	103.0	108.8	75.8	120.0	81.8
56-65 YEARS	67.3	56.5	70.0	79.0	59.5	89.5	104.5	55.8	102.5	97.5
66 OR MORE YEARS	42.0	32.0	48.0	58.0	.	40.0	.	42.5	104.3	.

SOURCE: 1986 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**INCLUDES PHYSICIANS IN SPECIALTIES NOT LISTED SEPARATELY.
.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 41. MEDIAN PHYSICIAN NET INCOME AFTER EXPENSES BEFORE TAXES (IN THOUSANDS OF DOLLARS), 1985*

	ALL PHYSICIANS**	SPECIALTY								
		GP/FP	INT MED	SURG	PED	OB/GYN	RAD	PSYCH	ANES	PATH
ALL PHYSICIANS	95.0	70.0	89.0	130.0	70.5	117.5	150.0	80.0	128.0	120.0
CENSUS DIVISION										
NEW ENGLAND	94.0	59.0	75.0	143.0	77.0	138.5	200.0	70.0	124.0	.
MIDDLE ATLANTIC	92.5	65.0	85.0	141.0	72.0	108.0	135.5	87.5	120.0	85.0
EAST NORTH CENTRAL	100.0	65.0	100.0	125.0	67.0	100.0	160.0	69.5	129.0	135.0
WEST NORTH CENTRAL	90.0	66.0	86.5	138.0	68.5	.	157.0	83.5	106.0	.
SOUTH ATLANTIC	95.0	75.0	80.0	120.5	67.0	102.0	135.5	85.0	140.0	126.0
EAST SOUTH CENTRAL	94.0	74.5	90.0	139.0	81.0	127.0	.	.	163.5	.
WEST SOUTH CENTRAL	100.0	76.0	100.0	133.0	75.0	137.0	108.5	96.0	127.5	123.5
MOUNTAIN	85.0	65.0	60.0	120.0	61.0	113.5	.	94.0	.	.
PACIFIC	98.0	74.5	91.0	135.0	79.0	100.0	150.0	81.0	140.0	105.0
TYPE OF PRACTICE										
SOLO	94.0	66.0	92.0	120.0	72.0	115.0	97.0	89.0	150.0	129.0
NON-SOLO	96.0	72.0	86.0	140.0	70.0	120.0	150.0	71.0	121.0	119.0
LOCATION										
NONMETROPOLITAN	84.0	70.0	84.0	120.0	68.5	100.0	105.0	.	.	.
METROPOLITAN										
LESS THAN 1,000,000	100.0	74.5	88.0	140.0	73.0	124.5	160.0	84.0	130.0	120.0
1,000,000 AND OVER	95.0	62.0	90.0	125.0	70.0	114.0	150.0	80.0	126.5	105.0
EMPLOYMENT STATUS										
SELF-EMPLOYED	105.0	75.0	100.0	134.5	78.5	124.0	170.0	92.5	150.0	140.0
EMPLOYEE	75.0	62.0	68.0	110.0	58.5	80.0	96.0	63.0	107.0	85.0
PHYSICIAN AGE										
LESS THAN 36 YEARS	74.0	60.0	65.0	97.5	49.0	79.0	85.0	61.0	120.0	.
36-45 YEARS	100.0	80.0	94.0	140.0	72.0	110.0	157.5	70.0	120.0	112.0
46-55 YEARS	115.0	78.0	110.0	144.5	80.0	132.0	160.0	93.0	150.0	134.5
56-65 YEARS	95.5	73.5	90.0	120.0	70.0	133.0	150.0	83.0	152.0	122.0
66 OR MORE YEARS	70.0	55.0	63.0	87.0	.	43.0	.	60.0	147.5	.

SOURCE: 1986 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**INCLUDES PHYSICIANS IN SPECIALTIES NOT LISTED SEPARATELY.
.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 42. SEVENTY-FIFTH PRECENTILE PHYSICIAN NET INCOME AFTER EXPENSES BEFORE TAXES (IN THOUSANDS OF DOLLARS), 1985*

	ALL PHYSICIANS**	SPECIALTY								
		GP/FP	INT MED	SURG	PED	OB/GYN	RAD	PSYCH	ANES	PATH
ALL PHYSICIANS	140.0	95.0	121.0	197.0	95.0	158.3	200.0	105.0	169.3	155.0
CENSUS DIVISION										
NEW ENGLAND	138.0	81.8	116.0	230.0	100.0	189.5	243.8	94.0	150.0	.
MIDDLE ATLANTIC	140.0	100.0	120.0	205.8	90.5	144.5	183.8	112.5	165.0	132.5
EAST NORTH CENTRAL	150.0	94.5	136.5	200.0	92.0	140.0	217.3	95.8	171.3	157.5
WEST NORTH CENTRAL	140.0	85.5	117.5	183.0	87.8	.	195.0	146.0	156.5	.
SOUTH ATLANTIC	140.0	105.5	120.5	178.8	101.0	167.0	195.0	116.0	170.0	202.5
EAST SOUTH CENTRAL	140.0	89.3	120.0	173.5	118.0	168.0	.	.	197.0	.
WEST SOUTH CENTRAL	160.0	105.5	167.5	240.0	90.0	183.8	179.8	128.5	150.0	194.8
MOUNTAIN	125.0	82.0	97.3	146.0	76.3	185.0	.	105.0	.	.
PACIFIC	140.0	91.3	120.0	200.0	107.0	147.0	202.5	100.0	190.0	129.5
TYPE OF PRACTICE										
SOLO	143.0	96.0	130.0	190.0	91.8	165.0	165.0	110.5	180.0	176.3
NON-SOLO	140.0	95.0	119.3	203.0	95.8	154.0	200.0	89.5	160.0	150.0
LOCATION										
NONMETROPOLITAN	120.0	96.5	108.3	140.0	84.8	130.0	150.0	.	.	.
METROPOLITAN										
LESS THAN 1,000,000	150.0	96.0	124.5	194.5	96.3	156.0	215.0	110.0	172.0	172.0
1,000,000 AND OVER	140.0	93.0	120.0	205.0	100.0	167.0	196.3	105.0	164.5	144.0
EMPLOYMENT STATUS										
SELF-EMPLOYED	155.0	100.0	130.0	202.8	100.0	165.0	218.5	120.0	183.0	200.0
EMPLOYEE	100.0	78.0	90.0	141.0	80.0	100.0	150.0	83.0	128.0	120.5
PHYSICIAN AGE										
LESS THAN 36 YEARS	102.3	80.0	97.8	152.5	77.8	120.0	130.0	96.3	147.0	.
36-45 YEARS	145.0	100.0	125.5	200.0	100.0	170.0	200.0	101.5	160.0	130.0
46-55 YEARS	164.0	100.0	146.3	209.5	101.5	172.5	200.8	126.8	187.5	182.8
56-65 YEARS	144.8	101.0	118.8	174.0	100.5	160.5	198.0	110.0	185.3	192.5
66 OR MORE YEARS	100.0	74.3	90.0	130.0	.	126.0	.	97.8	187.8	.

SOURCE: 1986 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**INCLUDES PHYSICIANS IN SPECIALTIES NOT LISTED SEPARATELY.
.INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 43. TWENTY-FIFTH PERCENTILE PHYSICIAN NET INCOME AFTER EXPENSES BEFORE TAXES (IN THOUSANDS OF DOLLARS), 1975, 1977-79, 1981-85*

	1975	1977	1978	1979	1981	1982	1983	1984	1985
ALL PHYSICIANS	36.0	40.0	41.0	50.0	51.0	57.0	60.0	63.0	65.0
SPECIALTY									
GENERAL/FAMILY PRACTICE	30.0	33.0	36.0	40.0	42.0	44.5	43.0	45.0	50.0
INTERNAL MEDICINE	38.0	41.3	42.0	49.0	48.8	50.0	55.0	65.0	60.0
SURGERY	44.0	48.0	52.0	63.0	65.0	72.0	87.8	90.0	90.0
PEDIATRICS	30.0	34.3	35.0	41.8	40.0	43.0	41.0	45.0	50.0
OBSTETRICS/GYNECOLOGY	42.5	46.5	48.0	60.0	60.0	71.8	71.0	78.0	78.0
RADIOLOGY	55.0	55.0	56.5	65.0	75.0	87.5	91.0	90.0	90.0
PSYCHIATRY	33.0	35.0	35.0	40.0	46.0	50.0	55.0	60.0	55.0
ANESTHESIOLOGY	43.8	45.0	55.0	68.0	80.0	90.0	100.0	98.0	98.0
CENSUS DIVISION									
NEW ENGLAND	30.0	36.0	35.0	43.0	49.8	50.0	53.0	58.0	61.8
MIDDLE ATLANTIC	32.0	36.0	35.0	45.0	49.0	52.0	55.0	56.0	60.8
EAST NORTH CENTRAL	39.0	40.0	43.8	50.0	56.0	61.5	64.0	70.0	65.0
WEST NORTH CENTRAL	38.0	40.0	45.0	55.0	55.0	60.0	60.0	63.0	59.0
SOUTH ATLANTIC	38.0	38.3	44.0	52.0	50.0	55.0	60.0	62.5	64.3
EAST SOUTH CENTRAL	45.0	43.0	50.0	50.0	54.3	64.0	70.0	65.0	65.0
WEST SOUTH CENTRAL	38.0	40.0	45.0	55.0	57.0	61.8	67.3	67.5	70.0
MOUNTAIN	35.0	38.8	40.5	50.0	50.5	52.0	54.3	60.0	60.0
PACIFIC	38.0	41.0	42.0	49.0	50.0	53.0	60.0	67.3	70.0
TYPE OF PRACTICE									
SOLO	32.0	35.0	38.0	45.0	47.0	50.0	55.0	60.0	60.0
NON-SOLO	40.0	47.0	46.0	54.0	57.0	60.0	63.0	66.0	67.3
LOCATION									
NONMETROPOLITAN	32.0	35.0	43.0	49.3	50.0	52.0	52.3	50.0	60.0
METROPOLITAN									
LESS THAN 1,000,000	40.0	40.0	43.0	50.0	55.8	60.0	63.0	65.0	69.0
1,000,000 AND OVER	35.0	40.0	40.0	50.0	50.0	55.0	60.0	64.0	63.0
PHYSICIAN AGE									
LESS THAN 36 YEARS	28.0	30.0	31.0	40.0	38.0	45.0	45.0	45.0	50.0
36-45 YEARS	42.0	48.0	46.0	60.0	60.0	60.0	65.0	70.8	70.0
46-55 YEARS	42.0	47.0	52.0	60.0	65.0	72.5	80.0	80.0	80.0
56-65 YEARS	36.0	37.8	43.0	50.0	56.0	58.0	60.0	64.5	67.3
66 OR MORE YEARS	20.0	18.0	24.0	30.0	37.0	33.8	35.0	39.5	42.0

SOURCE: 1982-86, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS. 1976-80, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*DATA, OTHER THAN IN THE SPECIALTY BREAKDOWN, ARE BASED ON RESPONSES FROM PHYSICIANS IN ALL SPECIALTIES. SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 44. MEDIAN PHYSICIAN NET INCOME AFTER EXPENSES BEFORE TAXES (IN THOUSANDS OF DOLLARS), 1975, 1977-79, 1981-85*

	1975	1977	1978	1979	1981	1982	1983	1984	1985
ALL PHYSICIANS	50.0	56.0	60.0	70.0	78.0	85.0	90.0	92.0	95.0
SPECIALTY									
GENERAL/FAMILY PRACTICE	42.0	48.0	50.0	58.0	60.0	63.0	63.0	63.0	70.0
INTERNAL MEDICINE	52.0	59.0	60.0	70.0	74.5	75.0	80.0	90.0	89.0
SURGERY	60.0	70.0	75.0	86.0	100.0	112.0	125.0	130.0	130.0
PEDIATRICS	42.0	48.0	50.0	58.0	57.0	63.0	61.5	68.0	70.5
OBSTETRICS/GYNECOLOGY	60.0	65.0	69.5	82.0	96.0	110.0	107.0	106.0	117.5
RADIOLOGY	71.0	72.0	79.5	86.0	110.0	127.5	130.0	122.0	150.0
PSYCHIATRY	43.0	46.0	50.0	60.0	63.0	69.0	72.0	80.0	80.0
ANESTHESIOLOGY	54.5	64.0	72.0	84.5	110.0	120.0	140.0	150.0	128.0
CENSUS DIVISION									
NEW ENGLAND	44.0	50.0	50.0	60.0	67.5	72.0	77.0	80.0	94.0
MIDDLE ATLANTIC	48.0	53.0	52.0	62.0	70.0	75.0	80.0	85.0	92.5
EAST NORTH CENTRAL	54.0	60.0	63.0	75.0	84.5	92.0	93.0	97.0	100.0
WEST NORTH CENTRAL	50.0	56.0	64.0	72.0	80.0	91.0	88.0	90.0	90.0
SOUTH ATLANTIC	53.0	56.0	60.0	73.0	78.0	81.5	90.0	93.0	95.0
EAST SOUTH CENTRAL	60.0	67.0	75.0	80.0	84.0	95.0	100.0	100.0	94.0
WEST SOUTH CENTRAL	57.0	61.0	66.0	75.0	87.5	100.0	106.0	100.0	100.0
MOUNTAIN	50.0	54.0	58.0	70.0	80.0	83.0	81.5	92.0	85.0
PACIFIC	50.0	60.0	60.0	70.0	80.0	80.0	90.0	95.0	98.0
TYPE OF PRACTICE									
SOLO	46.0	50.0	55.0	66.0	72.0	79.0	85.0	90.0	94.0
NON-SOLO	57.0	62.0	65.0	75.0	82.0	90.0	94.0	95.0	96.0
LOCATION									
NONMETROPOLITAN	45.0	50.5	60.0	65.0	75.0	77.0	79.0	78.0	84.0
METROPOLITAN									
LESS THAN 1,000,000	53.0	60.0	60.0	72.0	30.0	90.0	95.0	97.0	100.0
1,000,000 AND OVER	50.0	55.0	60.0	70.0	75.0	82.0	88.0	92.0	95.0
PHYSICIAN AGE									
LESS THAN 36 YEARS	40.0	45.0	45.0	57.0	56.0	62.0	65.0	68.0	74.0
36-45 YEARS	60.0	64.0	63.0	80.0	85.0	94.0	94.0	100.0	100.0
46-55 YEARS	59.0	62.0	70.0	80.0	93.5	100.0	112.5	112.0	115.0
56-65 YEARS	50.0	52.0	60.0	69.0	80.0	85.5	88.0	92.0	95.5
66 OR MORE YEARS	30.0	34.0	40.0	50.0	59.0	54.0	60.0	65.0	70.0

SOURCE: 1982-86, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS. 1976-80, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*DATA, OTHER THAN IN THE SPECIALTY BREAKDOWN, ARE BASED ON RESPONSES FROM PHYSICIANS IN ALL SPECIALTIES. SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 45. SEVENTY-FIFTH PERCENTILE PHYSICIAN NET INCOME AFTER EXPENSES BEFORE TAXES (IN THOUSANDS OF DOLLARS), 1975, 1977-79, 1981-85*

	1975	1977	1978	1979	1981	1982	1983	1984	1985
ALL PHYSICIANS	70.0	77.0	80.0	99.0	117.0	125.0	134.0	135.0	140.0
SPECIALTY									
GENERAL/FAMILY PRACTICE	58.0	65.0	70.0	78.3	84.3	90.0	86.0	88.0	95.0
INTERNAL MEDICINE	72.0	77.0	80.0	93.0	103.3	109.0	116.3	125.0	121.0
SURGERY	85.0	92.0	100.0	115.0	146.0	152.0	176.0	185.5	197.0
PEDIATRICS	54.0	61.0	65.0	75.0	77.3	90.0	88.3	95.0	95.0
OBSTETRICS/GYNECOLOGY	80.0	88.0	87.8	120.0	133.8	144.3	150.0	149.3	158.3
RADIOLOGY	90.0	95.0	100.0	111.5	151.5	173.5	190.0	185.0	200.0
PSYCHIATRY	54.3	60.0	61.0	79.3	88.0	89.5	96.5	105.0	105.0
ANESTHESIOLOGY	70.0	80.0	92.0	109.5	150.0	169.0	175.0	190.0	169.3
CENSUS DIVISION									
NEW ENGLAND	60.0	68.8	69.0	80.0	92.5	102.0	103.0	105.3	138.0
MIDDLE ATLANTIC	70.0	70.0	78.0	90.0	100.0	115.0	120.0	124.3	140.0
EAST NORTH CENTRAL	75.0	80.0	85.0	100.0	120.0	134.0	140.0	132.0	150.0
WEST NORTH CENTRAL	71.0	75.5	85.0	98.0	111.0	140.5	139.0	133.3	140.0
SOUTH ATLANTIC	75.0	80.0	80.0	100.0	122.0	127.0	135.0	140.5	140.0
EAST SOUTH CENTRAL	85.0	86.0	100.0	110.0	130.8	137.0	147.0	165.0	140.0
WEST SOUTH CENTRAL	75.0	85.0	91.0	105.0	133.3	150.0	160.8	150.0	160.0
MOUNTAIN	70.0	70.0	80.0	89.3	120.8	122.0	107.3	127.8	125.0
PACIFIC	67.5	76.0	80.0	98.8	115.0	118.0	134.0	141.5	140.0
TYPE OF PRACTICE									
SOLO	65.0	71.0	77.0	95.0	110.0	119.0	125.0	128.0	143.0
NON-SOLO	75.0	84.0	88.3	100.0	120.0	131.0	140.0	140.0	140.0
LOCATION									
NONMETROPOLITAN	60.0	72.0	80.0	90.0	114.0	107.5	115.8	120.0	120.0
METROPOLITAN									
LESS THAN 1,000,000	72.0	80.0	84.0	100.0	121.3	132.0	140.0	144.0	150.0
1,000,000 AND OVER	70.0	75.0	80.0	98.3	111.0	120.0	130.0	130.0	140.0
PHYSICIAN AGE									
LESS THAN 36 YEARS	52.0	62.8	60.0	77.8	82.0	90.0	97.0	99.5	102.3
36-45 YEARS	78.0	86.0	90.0	102.0	125.0	137.0	140.0	150.0	145.0
46-55 YEARS	75.0	81.0	92.0	100.0	130.0	146.0	160.0	160.0	164.0
56-65 YEARS	65.3	72.0	80.0	90.0	115.0	121.8	124.0	128.0	144.8
66 OR MORE YEARS	45.0	50.0	60.0	70.0	82.0	80.0	99.0	100.0	100.0

SOURCE: 1982-86, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS. 1976-80, AMA PERIODIC SURVEYS OF PHYSICIANS. THE POPULATION FROM WHICH SAMPLES ARE DRAWN INCLUDES ONLY ACTIVE NON-FEDERAL PATIENT CARE PHYSICIANS, EXCLUDING RESIDENTS.

*DATA, OTHER THAN IN THE SPECIALTY BREAKDOWN, ARE BASED ON RESPONSES FROM PHYSICIANS IN ALL SPECIALTIES. SEE APPENDIX C FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

Appendix A

THE DESIGN AND METHODOLOGY OF THE AMA SOCIOECONOMIC MONITORING SYSTEM *

The Socioeconomic Monitoring System (SMS) was developed in 1981 in response to the need of physicians and policymakers for more timely and frequent socioeconomic information on the practice of medicine than had been available in the past. This program represents an outgrowth of over 15 years of AMA experience in monitoring socioeconomic aspects of medical practice. Its predecessor, the Periodic Survey of Physicians (PSP) collected similar information on an annual basis. The fifth full program year for SMS will be completed in 1986.

SMS is designed to provide periodic information on a range of characteristics of medical practice, such as a physicians' earnings, expenses, work patterns and fees. In addition, a portion of each SMS survey is devoted to collecting information regarding current issues facing physicians.

The purpose of this paper is to provide a description of the current SMS program design. The first section provides an overview of program characteristics. This is followed by discussions of the SMS survey sample design, questionnaire content, field procedures and aspects of reporting SMS results.

OVERVIEW OF SMS PROGRAM CHARACTERISTICS

The two SMS surveys conducted this year include an annual core survey and a supplemental survey. The core and supplemental surveys differ in the range of information collected, sample size and the level of detail for which results are reported. The purpose of the annual core survey is to provide current data on a full range of economic and practice characteristics each year. The supplemental survey focuses on a more limited range of characteristics -- those for which changes occur rapidly and those for which information is needed on a more frequent basis. The supplemental survey is also used to obtain information on topics of current policy concern. The average core survey interview lasts 25 minutes, while the supplemental survey averages 16 minutes in length.

The annual core survey obtained data from approximately 4,000 physicians, while the supplemental survey obtained data from approximately 2,800 physicians. The sample size is the primary determinant of the level of disaggregation at which results can be reliably reported. Results are disaggregated into a larger number of specialties and geographical areas for the core survey than for the supplemental survey.

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* This is an updated version of an article of the same title that appeared in the 1985 edition of Socioeconomic Characteristics of Medical Practice by Mary Lou S. White, Director of the AMA Department of Survey Design and Analysis, Division of Survey and Data Resources. The update was prepared by Lorayn Olson, Assistant Director of the AMA Department of Survey Design and Analysis.

The 1986 core survey was fielded from March through July. The timing of the beginning of the core survey is designed to coincide with the income tax return filing deadline in order to improve the reliability of information that can be obtained on physician earnings and practice expenses for the previous year. The supplemental survey in 1986 was fielded from August through October. The field periods for the core and supplemental surveys were respectively fifteen and seven weeks.

Compared with the two surveys in 1986, three surveys were fielded in 1985 and four were fielded in each prior year of the SMS program. The additional surveys in previous years were similar in content to the 1986 supplemental survey. While the number of respondents to core surveys has been approximately 4,000 every year, supplemental surveys prior to 1986 included only about 1,200 respondents each.

SAMPLE DESIGN

The SMS surveys are designed to provide representative information on the population of all nonfederal physicians who spend the greatest proportion of their time in patient care activities. This includes both office and hospital-based physicians, but excludes residents. Samples for SMS surveys are selected from the AMA Physician Masterfile. The Masterfile contains current and historical information on every Doctor of Medicine in the United States, including both members and nonmembers of the AMA. Graduates of U.S. medical schools who are temporarily practicing overseas, and graduates of foreign medical schools who live in the U.S. are also included on the file.

Data included on the Masterfile are obtained from primary sources, including many organizations and institutions. The only information obtained directly from individual physicians concerns current professional activities and preferred mailing addresses. These data are obtained on a quadrennial basis from the entire U.S. physician population and on a monthly basis from those physicians with changes in address or professional status. These changes may be signaled by input from professional organizations, AMA mailings, or by physician correspondence.

In addition to limiting the sample to nonfederal patient care physicians who have completed their residency programs, the following exclusions are made:

- Doctors of Osteopathy;
- graduates of foreign medical schools who are only temporarily licensed to practice in the United States;
- physicians for whom no current address is available; and
- physicians who were sampled in SMS surveys during the last three years.

Further exclusions are made after sample selection. These include:

- physicians who spend fewer than 20 hours per week in patient care activities or are federal physicians as determined from screening questions at the beginning of each interview, and
- those who cannot be located by mail or telephone after exhaustive tracking efforts are made.

The sample design utilized for SMS is a stratified, random sample with systematic selection from the listing of eligible physicians on the AMA Physician Masterfile. The strata are defined by nine major specialty groupings and ten geographical regions of approximately equal size. The specialty information used from the Masterfile reflect physician self-designated practice specialty. Systematic selection within each stratum assures that each specialty group and region is proportionally represented in the sample. The strata definitions are shown in Table 1. Stratification is used in SMS to increase the precision of certain sample estimates and to facilitate the analysis of individual stratum. Once the sample is selected, the representativeness of each stratum is reviewed to ensure that it is consistent with the stratum's population proportion.

In order to provide reliable estimates of short-term changes in certain indicators, SMS samples are designed to include a panel component. The panel consists of a portion of the sample from one SMS survey which is reinterviewed in a subsequent SMS survey. Approximately 40 percent of the completed interviews are typically conducted as reinterviews with physicians who had been initially interviewed in a similar survey in the previous year. The SMS program uses annual reinterviews of this type in order to monitor annual changes in various characteristics. Prior to 1984, much experimentation was done with the reinterview interval to optimize its usefulness. The decision to annually reinterview a portion of the sample was made because reports of annual changes provide more useful data than changes over shorter periods.

QUESTIONNAIRE CONTENT

The SMS questionnaire consists of three distinct sections:

- screening questions to verify the physician's self-designated practice specialty and eligibility for the survey;
- a main questionnaire to collect information on practice, characteristics, hours worked, volume of services, fees for selected procedures, income and expenses; and
- special topics questions to provide information on emerging socioeconomic issues.

The screening and main questionnaire portions of the survey are identical in the core and supplemental surveys in order to provide the basis for estimating levels and changes in economic characteristics of medical practice. However, the core survey includes an expanded main questionnaire portion to provide additional information on practice

Table 1

SMS SURVEY SAMPLE STRATA

SPECIALTY STRATA*

1. General Practice, Family Practice
2. Allergy, Cardiovascular Diseases, Gastroenterology, Internal Medicine, Pulmonary Diseases
3. General Surgery, Neurosurgery, Ophthalmology, Orthopedic Surgery, Plastic Surgery, Colon and Rectal Surgery, Thoracic Surgery, Urology
4. Pediatrics, Pediatric Allergy, Pediatric Cardiology
5. Obstetrics and Gynecology
6. Radiology, Diagnostic Radiology, Therapeutic Radiology
7. Psychiatry, Child Psychiatry
8. Anesthesiology
9. Aerospace Medicine, Neurology, Occupational Medicine, Physical Medicine and Rehabilitation, General Preventive Medicine, Public Health, Dermatology, Pathology, Forensic Pathology, Other Specialty, Unspecified

STATE STRATA

1. Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont
2. New York
3. Delaware, New Jersey, Pennsylvania, West Virginia
4. District of Columbia, Georgia, Maryland, North Carolina, South Carolina, Virginia
5. Alabama, Florida, Kentucky, Mississippi, Tennessee
6. Arkansas, Louisiana, Missouri, Oklahoma, Texas
7. Indiana, Michigan, Ohio
8. Illinois, Iowa, Minnesota, Wisconsin
9. Alaska, Arizona, Colorado, Hawaii, Idaho, Kansas, Montana, Nevada, Nebraska, New Mexico, North Dakota, South Dakota, Oregon, Utah, Wyoming, Washington
10. California

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* The AMA Physician Masterfile classification of self-designated practice specialties is used in the specialty strata listing.

characteristics and information on annual income and expenses for the previous year. The information requested in this expanded portion remains constant from one core survey to the next.

Questions for the main questionnaire were developed from a review of past surveys and through consultation with physicians, sources within the AMA and Mathematica Policy Research, Inc., an independent consulting firm that assisted in the development of the SMS program. Efforts were made to maintain consistency of questions with those from the PSPs from which trend information has been established over a period of years. However, modifications are made where it is deemed that the desired information would be more accurate if questions were changed. In addition, questions in the SMS surveys are designed so that physicians are asked only questions that are generally relevant to their specialty. A summary of the questionnaire used in the SMS surveys upon which this volume is based is included in Appendix B.

Special topics covered in SMS surveys during the last year have included:

- Administrative expenses of medical practice
- Third-party payments and Medicare assignment
- Medical technology
- Hospital-physician relations
- Professional liability

Special topics questions are formulated and reviewed by an AMA consultation committee whose members represent a broad range of activity areas. All questions that have not been previously used in SMS surveys are pretested prior to the survey fielding to evaluate the wording and ordering of questions and to determine the ability of respondents to provide the desired information.

FIELD PROCEDURES

The SMS data collection plan is designed to provide reliable information within a tight time schedule. The survey is completed primarily by telephone. Telephone administration significantly reduces the time required to produce survey results and increases the response rate. The surveys are administered by independent consulting firms contracted by the AMA. Mathematica Policy Research, Inc. of Princeton, New Jersey (MPR) has conducted interviews for all surveys for the SMS program since the second quarter 1983.

Field procedures developed for SMS surveys reflect a complex effort to minimize bias from nonresponse and accommodate the busy schedules of physicians through careful advance preparation and intensive follow-up efforts to complete interviews. The activities involved in this effort are described below.

Advance Letter

Two weeks prior to data collection, advance letters are sent to each physician selected to be interviewed or reinterviewed. Each letter includes a brief description of the interview, the project sponsorship, identification of the survey contractor, information that the physician will be receiving a telephone call from an interviewer on the contractor's staff, and a pledge of data confidentiality. Each letter is printed on AMA letterhead and bears the signature of James H. Sammons, M.D., Executive Vice President of the American Medical Association. If a letter is returned due to an insufficient address, a search is initiated to obtain updated information so the physician may be sent another letter.

When the SMS program was initiated, many physicians indicated that they could not provide certain types of information during a telephone interview without advance preparation. As a result, questionnaire summaries were designed to provide the physician with a listing of the specific medical and surgical procedures for which fees will be requested, as well as with a description of income and expense questions. Since the 3rd quarter 1983 survey, this insert has been enclosed with each advance letter.

Telephone Search

Since inadequate coverage is a potential problem for telephone surveys, the AMA Division of Survey and Data Resources expends considerable effort to locate sample physicians. The basic sources used in the telephone look-up include directory assistance, state and county medical societies, state licensing boards and hospitals. If it is impossible to obtain a telephone listing for a physician from these sources, the next steps include reverifying the physicians' data contained on the AMA Physician Masterfile, contacting state, county and specialty societies, initiating traces of physicians from former addresses appearing on the Masterfile and checking medical society directories. This ensures that the proportion of physicians in each sample stratum most accurately reflects that of the population. Approximately one week prior to data collection, the survey contractor is provided names, addresses and telephone numbers of physicians selected from the AMA Physician Masterfile.

Interviewer Training

Two days of study-specific training in addition to general training are provided to each interviewer before working on SMS surveys. Training includes a detailed review of each question (including instruction on pronunciation of various medical terms), practice interviews, and a review of interviewing and administrative procedures. AMA staff actively participate in the training process either in person or via teleconferencing to assure that all project specifications and instructions are clearly communicated, understood, and implemented.

During training, the contractor actively evaluates each potential interviewer for appropriate survey skills, such as reading ability, voice quality, grasp of the material and ability to develop rapport with physicians. The highest quality interviewers are then selected to work on the project.

Interview Process

Interviewing is conducted via a Computer Assisted Telephone Interviewing (CATI) process. This system produces a copy of the questionnaire on a computer screen. Responses to the questions are entered directly into the computer using this on-line system during the actual interview, eliminating any keypunching or separate data entry task. This reduces time schedules and maximizes quality by minimizing sources of error. In addition, this system has provided the ability to program range checks whereby a figure that is entered which exceeds the usual range automatically instructs CATI to prompt the interviewer to verify the response. This has helped reduce the number of invalid outlying responses.

A minimum of a 60 percent response rate is required in order to regard an SMS survey as complete. Vigorous efforts are made to achieve the cooperation of physicians and meet this standard because of the short field period of SMS surveys. These efforts include the following:

- Appointments for interviews are scheduled at the convenience of physicians at any time 13 hours a day from Monday through Saturday.

- A toll-free number allows physicians to complete the interview at their convenience.

- An optional mail questionnaire, tailored to each specialty and type of practice, is made available to physicians who indicate a preference for responding to the survey in writing rather than by telephone.

- Repeated callbacks (a minimum of four) to nonrespondents are made before abandoning efforts to interview the physician.

- Letters encouraging participation and addressing specific objectives are sent to physicians who initially refuse to be interviewed.

- Refusal conversion attempts are made by a select group of interviewers. A substantial number of physicians decide to grant an interview at this stage.

The actual response rates achieved in SMS surveys since the beginning of 1985 are shown in Table 2. The results indicate the success SMS has had in meeting its minimum 60 percent response rate standard.

TABLE 2

Number of Completed Interviews and Response Rates in SMS Surveys Conducted in 1985 and the 1986 Core Survey

Survey	Number of Completed Interviews	Response Rate
First Supplemental Survey 1985	1,213	66.1%
Core Survey 1985	4,040	62.0%
2nd Supplemental Survey 1985	1,202	65.5%
Core Survey 1986	4.014	63.7%

Confidentiality

Data are entered via the CATI system and are released only in aggregate form without any individual respondent identifying information.

Quality Control

Each interviewer's work is monitored by the contractor's supervisory staff for both production and quality. AMA staff also monitor interviews by remote telephone hook-up to ensure that a high level of quality is maintained throughout the survey. If indicated, the contractor is instructed to retrain interviewers or remove interviewers from the SMS study.

AMA staff also track the SMS survey production. A detailed review is made of all sample dispositions, both pending and final, on a weekly basis. As a result of this evaluation, the time schedule is reviewed and necessary recommendations are made to the contractor to enable the survey to be completed during the allotted field period.

As part of the annual SMS program review, the design and methodology is examined with an eye for identifying areas for improvement. This year, the Center for Health Policy Research and the Division of Survey and Data Resources are jointly undertaking an evaluation of the impact of survey and item nonresponse rates and various potential methods for adjusting results to correct for nonresponse. A report of preliminary findings from this study appears earlier in this volume.

REPORTING OF SMS RESULTS

Results obtained from SMS surveys are widely disseminated. In order to reach the physician community, results are published periodically in AMNews. Dissemination of information pertinent to the public is handled by the AMA Department of Public Information. Socioeconomic Characteristics of Medical Practice, or the "Gray Book," is an annual volume designed to provide more detailed results of SMS surveys than can generally be provided through other media.

Data from the SMS also serve as a basis for research on health policy issues. Analyses of such issues are disseminated through professional journals and conferences. This ensures that health policy analysts and researchers are apprised of important findings resulting from this program.

Results from SMS surveys are reported at differing levels of detail depending on the nature of the media and the degree of precision of the estimates of physician characteristics deemed appropriate for the report. A discussion of definitions and computation procedures employed in reporting SMS results is contained in Appendix C.

CONCLUSION

The Socioeconomic Monitoring System exemplifies a long-term commitment on the part of the American Medical Association to obtain valid and reliable socioeconomic information on the practice of medicine. The SMS Program complements AMA's other extensive data collection activities and its evolution represents a responsiveness to the need for the highest achievable data quality.

Appendix B

SMS QUESTIONNAIRE SUMMARY

This summary contains questions from the 1985 SMS surveys and the 1986 SMS core survey. Since the questionnaires are quite lengthy, some questions have been omitted from the summary, while others have been paraphrased. However, parts of questions that are paraphrased have been enclosed with square brackets. All questions relating to the statistics appearing in the main body of this book are included in this summary.

The following list outlines the sources and topics of the questions included in this summary

1985 CORE SURVEY QUESTIONS

- Practice Characteristics
- Waiting Times
- Practice Activities: Hours and Services Per Week
- Selected Procedures: Number Delivered and Fees
- Hospital Utilization

1986 CORE SURVEY QUESTIONS

- 1985 Weeks of Practice, Expenses, and Income

SPECIAL TOPICS QUESTIONS

- Administrative Expenses
- Third-Party Payments and Medicare Assignment
- Medical Technology
- Hospital-Physician Relations
  - Impact of PPS
  - Impact of Peer Review
- Professional Liability

SCREEN

1. Our records indicate that [MASTERFILE SPECIALTY] is the specialty from which you derive most of your medical income. Is that correct?*
   (IF "YES", GO TO Q.2)
   a. What is your primary medical specialty?

2. During a typical week, do you provide direct patient care for 20 hours a week or more? Direct patient care includes seeing patients, performing surgery, as well as related patient services performed by anesthesiologists, radiologists and pathologists.

3. Are you currently a full-time, salaried employee of a federal agency such as the U.S. Public Health Service, Veteran's Administration or a military service?

1985 CORE SURVEY QUESTIONS

PRACTICE CHARACTERISTICS

4. Are you a full or part owner of your main practice?
   (IF "YES", GO TO Q.7)

5. In your main practice, are you employed by a hospital?

6. In your main practice, are you employed by [the government]?

7. Which of the following legal forms of organization best describe your main medical practice?
   a. Sole proprietorship
   b. Partnership
   c. Professional corporation
   d. Investor-owned for-profit corporation
   e. Other

8. Including yourself, how many physicians are in your main practice?

9. In what year did you begin medical practice after completing your undergraduate and graduate medical training?

10. In what year did you start working at your current main medical practice?

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*Masterfile specialty is information obtained from the AMA Physician Masterfile.

WAITING TIME

All specialties except radiology, anesthesiology and pathology

11. How many days does a new patient wishing to see you typically have to wait for an appointment?

12. How many minutes does a patient typically have to wait to see you after arriving for a scheduled appointment?

PRACTICE ACTIVITIES: HOURS AND SERVICES PER WEEK

The next few questions are about the number of hours you spent working at several medical and administrative activities during your most recent complete week of practice. Do not include hours spent on call if you were not actually working.

All specialties except psychiatry, radiology, anesthesiology and pathology

13. During [your last complete week of practice], how many hours did you spend. . .
    a. In the office seeing patients? Do not include hours spent on call if you were not actually working.
    b. In the hospital emergency room and in outpatient clinics?
    c. In the operating, labor or delivery room? Please include waiting time before surgery.
    d. Making hospital rounds, including visits to newborn infants?
    e. On house calls and with patients in nursing homes, convalescent homes or other extended care facilities?
    f. Having telephone conversations with patients or their families, consulting with other physicians and providing other services to patients such as interpreting lab tests and X-rays?
    g. In administrative activities connected with your practice and other medical facilities, as well as any other professional activities that did not involve patient care?

14. During [your last complete week of practice], how many. . .
    a. Patients did you personally see in the office, including outpatient surgery performed in the office?
        - How many of these [patients] were new patients?
        - And, how many of these [patients] were Medicare patients?
    b. Operations, deliveries and assists did you perform in the hospital?
        - How many of these [procedures] were performed on Medicare patients?
    c. In-patient visits did you make on hospital rounds? Please count as one visit every time you saw a patient.
        - How many of these [NUMBER] inpatient visits were with Medicare patients?
    d. Patients did you see in the emergency room and in outpatient clinics?
        - How many of these [NUMBER] emergency room and outpatient visits were with Medicare patients?

e. Patients did you see on house calls or in nursing homes, convalescent homes or extended care facilities?
   - How many of these [NUMBER] other visits were with Medicare patients?

Psychiatry

15. During [your last complete week of practice], how many hours did you spend. . .
    a. Seeing individuals patients in the office and in all other settings?
    b. Seeing non-family groups in the office and in all other settings?
    c. Seeing family groups in the office and in all other settings?
    d. Supervising psychiatric treatment teams, consulting with other physicians and providing other services to patients, such as interpreting lab tests and EEG results? Do not include time reported in other activities.
    e. In administrative activities connected with your practice and other medical facilities, as well as any other professional activities that did not involve patient care? These activities include medical staff functions, supervising residents and interns, teaching, lecturing, professional reading, writing and research.

16. During [your last complete week of practice], how many . . .
    a. Sessions did you have with individual patients in all settings?
    b. Sessions did you have with non-family groups?
    c. Sessions did you have with family groups?

Radiology

17. During [your last complete week of practice], how many hours did you spend. . .
    a. Reading films, including time spent preparing reports on films read?
    b. Personally performing radiodiagnostic procedures?
    c. Personally providing radiotherapy to patients?
    d. Supervising technicians and other paraprofessionals?
    e. In consultation with other physicians?
    f. In administrative activities connected with your practice and other medical facilities, as well as any other professional activities that did not involve patient care?

18. During [your last complete week of practice], how many. . .
    a. Films did you read in a typical full hour spent reading films?
    b. Radiodiagnostic procedures did you personally perform?
    c. Patients did you personally provide with radiotherapy?
    d. Consultations did you have with other physicians?

Anesthesiology

19. During [your last complete week of practice], how many hours did you spend. . .
    a. Personally anesthetizing patients including waiting time before surgery?
    b. Supervising nurse anesthetists?
    c. Managing patients in intensive care units?
    d. Making pre-anesthesia visits including histories and examinations as well as seeing patients on hospital rounds? Do not include time spent managing patients in intensive care units.
    e. Consulting with other physicians about their patients and providing any other services to patients, such as interpreting lab tests and X-rays?
    f. In administrative activities connected with your practice and other medical facilities, as well as any other professional activities that did not involve patient care?

20. During your last complete week of practice, how many...
    a. Patients did you personally anesthetize?
    b. Patients were anesthetized by nurse anesthetists under your supervision?
    c. Pre-anesthesia and inpatient visits did you make?

Pathology

21. During [your last complete week of practice], how many hours did you spend. . .
    a. In consultations during surgery, including time spent interpreting frozen sections?
    b. Examining surgical specimens other than consultations during surgery?
    c. Doing autopsies, including time to complete the study and write the report?
    d. Personally performing non-surgical laboratory procedures, including time to write any reports?
    e. Supervising technicians and paraprofessionals?
    f. In administrative activities connected with your practice and other medical facilities, as well as any other professional activities that did not involve patient care?

22. During [your last complete week of practice], how many. . .
    a. Consultations during surgery did you perform?
    b. Surgical specimens did you examine other than frozen sections examined during surgical consultations?
    c. Autopsies did you personally perform?
    d. Non-surgical laboratory procedures did you personally perform?

SELECTED PROCEDURES: NUMBER DELIVERED AND FEES

All specialties except psychiatry, radiology, anaesthesiology and pathology

23. Does your practice provide at least some medical care on a fee-for-service basis? (IF "NO", GO TO Q.25)

24. What is your current usual fee for. . .
    a. An office visit with a new patient including an evaluation history, examination and/or treatment?
    b. An office visit with an established patient including an examination, evaluation and/or treatment for an established patient with the same or new illness.
    c. A follow-up medical visit in the hospital, when you charge a separate fee for hospital visits? This visit includes an examination, evaluation and/or treatment with a new or established patient, same illness.

HOSPITAL UTILIZATION

All specialties except radiology, anesthesiology and pathology

25. During your most recent complete week of practice, how many patients did you personally discharge from the hospital?

26. Among those patients that you discharged in that week, what was [their average length of stay in days]?

27. How many of the [number] patients that you discharged from the hospital that week were Medicare patients?

28. For the [number] of Medicare patients you discharged from the hospital that week, what was [their average length of stay in days]?

1986 CORE SURVEY QUESTIONS

1985 INCOME, EXPENSES AND WEEKS PRACTICED

Self-employed physicians only

29. Do you share some expenses with other physicians?

30. [In 1985, what (were your/was your share of your practice's)] total tax-deductible professional expenses for the following items to the nearest $1,000?*
    a. Professional medical liability insurance premiums.

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* First wording in parentheses is used for physicians in solo practice; second wording is used for physicians in non-solo practice.

b. Office expenses, including rent or mortgage for office space, utilities and telephone.
c. Total nonphysician payroll expenses including fringe benefits.
d. Medical materials and supplies, such as drugs, x-ray films and expenses for outside lab work, drugs and other services.
e. Depreciation, leases and rent on medical equipment. Please report only that proportion that was tax-deductible in 1985.
f. Any other professional expenses, including professional car upkeep and depreciation, professional association memberships, professional journals and continuing education.

Employee physicians only

31. To the nearest $1,000 what [were your 1985] professional medical liability or malpractice insurance premiums. Please include any portion that your employer pays for you.

32. Was this insurance premium paid by you, your practice, or you and your practice jointly?

33. Did you receive any income in bonuses in 1985? (IF "NO", GO TO Q.35).

34. How much of your 1985 income of [INCOME] was paid in bonuses?

35. [Excluding any income in bonuses], did you receive any income in salaries in 1985? (IF "YES", ASK Q.36)

36. How much of your 1985 income of [INCOME] did you receive from salaries?

All physicians

37. During 1985, how many weeks of medical practice did you miss because of . . .
  a. illness or vacation?
  b. military service or professional conferences?

38. During 1985, what was your own net income from medical practice to the nearest $1,000 after expenses but before taxes? Please include all income from fees, salaries, retainers, fringe benefits and other forms of compensation.

39. Were any contributions made into pension, profit-sharing or deferred compensation plans for you during 1985?
(IF "YES", ASK PARTS a AND b)
  a. How much was contributed for you to the nearest $1,000?
  b. Did you include this amount in the income figure you gave me?

SPECIAL TOPICS QUESTIONS

ADMINISTRATIVE EXPENSES
(1st Supplemental 1985 Survey)

40. In 1984, what if any were the total administrative expenses incurred by using outside legal services, accounting services or office management services in the administration of your main practice?

41. Since 1981, have these expenses increased, decreased, or remained the same? (IF "REMAINED THE SAME", GO TO Q.43)

42. Since 1981, by what percentage have these outside administrative expenses changed?

43. In 1984, what if any were your total practice expenses for the purchase of office equipment and supplies?

44. Since 1981, have these expenses increased, decreased or remained the same?

THIRD PARTY PAYMENTS AND MEDICARE ASSIGNMENT
(1st Supplemental 1985 Survey)

45. Since October 1, 1984, what percentage of your revenues have been reimbursed by Medicare, whether or not you bill Medicare directly?

46. Are you now a participating physician in the Medicare program? (IF "NO", GO TO Q.48)

47. Overall, what percentage of your current usual fee is covered under Medicare assignment? (CONTINUE SECTION ONLY IF Q.46 IS "NO")

48. Nonparticipating physicians have the option to accept assignment on a case by case basis. For what percentage of your services for Medicare patients do you accept assignment?

49. Overall, what percentage of your current usual fee is covered when you accept Medicare assignment as payment in full?

(Core 1985 Survey)

50. Please estimate the percentage of your revenues that were reimbursed under each of the following insurance plans. . .
    a. Medicare
    b. Medicaid
    c. Blue Cross and Blue Shield
    d. HMO or IPA plans
    e. Other private or commercial insurance plans.

51. In the last year, have you had one or more insurance claims rejected by a third party payor because the third party payor claimed the procedure was experimental?

52. Are you now a participating physician in the Medicare program? (IF "NO", GO TO Q.54)

53. [On average] what percent of your current usual fee do you receive from the government and patient together when you assign a claim?

54. Nonparticipating physicians have the option to accept assignment on a case by case basis. For what percentage of your services for Medicare patients do you accept assignment?

55. (IF RESPONSE TO Q.54 IS NOT "0") [On average], what percent of your current usual fee do you receive from the government and patient together when you assign a claim?

MEDICAL TECHNOLOGY
(Core 1985 Survey)

56. Have advances in medical technology increased, decreased or not changed the amount of time you spend with the average patient?

57. Have advances in medical technology increased, decreased or not changed the amount of information you provide to the typical patient?

58. Have advances in medical technology increased, decreased or not affected the amount of economic competition you face from physicians in other specialties?

HOSPITAL-PHYSICIAN RELATIONSHIPS
(Core 1985 Survey)

59. Do you have admitting privileges at any hospitals? (IF "NO", GO TO Q.61)

60. At how many different hospitals do you have admitting privileges?

61. Do you have medical staff privileges at any hospitals?

62. (IF Q.61 IS "YES") At how many different hospitals?

(2nd Supplemental 1985 Survey)

63. Do you have admitting or medical staff privileges at any hospital?

64. During the last 12 months, did you provide any services to patients in a hospital setting?

[Now consider only] the hospital at which you provide the most patient care.

Impact of PPS

65. Is this hospital located in New York, New Jersey, Massachusetts or Maryland?

66. Is this hospital exempt from the Medicare Prospective Pricing System based on DRGs?

67. During your most recent complete month of practice, how many Medicare patients did you personally readmit to this hospital for a complication or continuation of an illness?

68. Since the implementation of DRGs, has your average number of Medicare patient readmissions for complications or continuations of illness increased?

69. Since the implementation of DRGs, are you discharging Medicare patients from the hospital earlier?

70. Have the earlier discharges improved, worsened, or not affected the health status of these patients?

71. In response to the new Medicare Prospective Payment System based on DRGs, has that hospital instituted any programs intended to reduce the number of medical services provided to Medicare inpatients?

72. Are some of these reductions in medical services in intensive care usage?

Impact of Peer Review

73. The federal government has initiated a new program for the review of Medicare inpatient services called the Peer Review Organization Program. Has the PRO in your hospital completed a pre-admission review on any of your Medicare admissions? (IF "NO", GO TO Q.76)

74. Has the admission of any of your Medicare patients to the hospital been DELAYED due to a pre-admission review by the PRO?

75. Have any of your Medicare patients been denied admission to the hospital due to a pre-admission review by the PRO?

76. Have any of your Medicare patients been denied days of stay by the PRO? (IF "NO", GO TO Q.80)

77. What percentage of your Medicare patients have been denied one or more days of stay by the PRO?

78. Does the PRO in your hospital always notify you as the attending physician, of a days of stay denial before sending the denial notification to the patient?

79. How often does the PRO fail to notify you of a days of stay denial -- would you say the PRO almost always fails to notify you, often fails to notify you, occasionally fails to notify you, or rarely fails to notify you of a days of stay denial?

Regarding the hospital at which you provide the most patient care services.

80. Does this hospital discourage admissions of the following types of patients. . .
    a. patients without hospital insurance
    b. Medicare patients
    c. Medicaid patients
    d. patients covered by Blue Cross or private hospital insurance.

PROFESSIONAL LIABILITY
(Core 1986 Survey)

81. Have any malpractice claims been filed against you during your career? (IF "YES", CONTINUE WITH THIS SECTION)

82. How many malpractice claims have been filed against you during your career?

83. How many of these [NUMBER] claims were filed during the last five years? (IF GREATER THAN 0, CONTINUE)

84. How many of these [NUMBER] claims were filed against you during the last twelve months?

Appendix C

DEFINITIONS AND COMPUTATION PROCEDURES

This appendix describes definitions and computation procedures used in reporting information from the AMA Socioeconomic Monitoring System (SMS). Changes in methodology over time relating to specific types of information for which trends are reported in the detailed tabulations in Socioeconomic Characteristics of Medical Practice (the "Gray Book") are also discussed. Most of these changes in methodology relate to differences between SMS surveys and the AMA Periodic Surveys of Physicians (PSPs) on which data for years prior to 1981 is based. These changes should be carefully noted in making comparisons of data for years prior to and since 1981. In addition, it should be noted that there has been a major change in computational procedure in this edition of the Gray Book. The change and its implications are discussed in the section "Computation Procedures."

Questions from SMS surveys referenced in this appendix may be found in Appendix B. Tables referred to are those contained in the Gray Book detailed tabulations.

Sample Population

The population from which samples are drawn for SMS surveys includes all active non-federal office-based and hospital-based physicians as defined by the AMA Physician Masterfile.* Residents are not included in the surveys. The population from which samples were drawn for the PSPs differed by the exclusion of hospital-based physicians. This difference should be recognized in any comparison between data in the PSPs and SMS surveys.

Specialty

Specialty classifications used in reporting SMS data are shown in Figure 1. Specialty is determined from responses to Question 1 in SMS surveys. The question used in PSPs from 1974 through 1980 to determine specialty was as follows: "Please give the specialty from which you derived 50% or more of your medical income in [the last year]."

Census Region and Division

States included in each Census region and division are shown in Figure 2. The state in which each physician was located is identified from the AMA Physician Masterfile.

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*Classifications used in the AMA Physician Masterfile are defined in G. Roback, *et al.*, Physician Characteristics and Distribution in the U.S., 1984 Edition (American Medical Association, 1985).

FIGURE 1

SMS Survey Specialty Classifications

SMS SPECIALTY CLASSIFICATION	AMA PHYSICIAN MASTERFILE SPECIALTIES
General/Family Practice	
General/Family Practice	General Practice, Family Practice
Medical Specialties	
Internal Medicine	Allergy, Cardiovascular Diseases, Gastroenterology, Internal Medicine, Pulmonary Diseases
Pediatrics:	Pediatrics, Pediatric Allergy, Pediatric Cardiology
Surgical Specialties	
Surgery:	General Surgery, Neurosurgery, Ophthalmology, Orthopedic Surgery, Otolaryngology, Plastic Surgery, Colon and Rectal Surgery, Thoracic Surgery, Urology
Obstetrics/Gynecology:	Obstetrics and Gynecology
Other Specialties	
Radiology:	Radiology, Diagnostic Radiology, Therapeutic Radiology
Psychiatry:	Psychiatry, Child Psychiatry
Anesthesiology:	Anesthesiology
Pathology:	Forensic Pathology, Pathology
Other:	Aerospace Medicine, Neurology, Occupational Medicine, Physical Medicine and Rehabilitation, General Preventive Medicine, Public Health, Dermatology, Emergency Medicine, Other Specialty, Unspecified.

FIGURE 2

Census Region and Division Definitions

CENSUS REGION AND DIVISION	STATES
Northeast	
New England:	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont
Middle Atlantic:	New Jersey, New York, Pennsylvania
North Central	
East North Central:	Illinois, Indiana, Michigan, Ohio, Wisconsin
West North Central:	Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota
South	
South Atlantic:	Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, West Virginia
East South Central:	Alabama, Kentucky, Mississippi, Tennessee
West South Central:	Arkansas, Louisiana, Oklahoma, Texas
West	
Mountain:	Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, Wyoming
Pacific:	Alaska, California, Hawaii, Oregon, Washington

Type of Practice

Physicians in solo and non-solo practices are distinguished in SMS surveys on the basis of responses to Question 7. Questions similar to Question 7 in the SMS surveys were included in each of the PSPs. In the few cases where the number of physicians is not known, the practices are characterized as non-solo.

Location

The location classification groups physicians into nonmetropolitan areas, metropolitan areas with a population less than one million persons and metropolitan areas with a population of one million or more persons. This classification was made on the basis of the demographic county classification contained on the AMA Physician Masterfile. Metropolitan areas include counties within Standard Metropolitan Statistical Areas (SMSAs), and counties outside SMSAs with populations over 50,000. A detailed description of the SMSA definition may be found on page 5 of Physician Characteristics and Distribution in the U.S., 1984 edition.

Employment Status

Employment status is determined from responses to Question 4. Physicians who respond that they are whole or part owners of their main medical practice are deemed to be self-employed while the remainder are identified as employee physicians. In the core 1982 SMS survey, the following question was used in place of Question 4: "In your main medical practice, are you: a) self-employed; b) employed by a private practice; c) employed by a hospital; or d) other?" The few physicians for whom employment status was not available were classified as employees.

Age

The age of each physician in PSP and SMS surveys was determined from birthdate information on the AMA Physician Masterfile.

Weeks Practiced per Year (Tables 1 and 2)

Weeks practiced in 1985 is calculated with responses to question 37 on the 1986 SMS core survey. This question differs from those that were asked on previous SMS surveys. Previously, the following question was asked:

> How many weeks did you practice in 198_? Please do not include vacations, sick time, military service or other similar absences from practice.

In the 1986 core survey, the question was modified to read:

> During 1985, how many weeks of medical practice did you miss because of:
> a. illness or vacation?
> b. military service or professional conferences?

Weeks practiced in 1985 was calculated as 52 minus the sum of the number of weeks entered in parts a and b.

Hours in Professional Activities per Week (Table 3)

Professional activities includes all patient care activities, administrative activities connected with medical practice and other professional activities that do not involve patient care, such as medical staff functions, teaching and research. Hours per week in professional activities in 1985 is based on "TOTAL HOURS" as calculated by the sum of the responses to the individual parts of one of questions 13, 15, 17, 19, or 21 (depending on physician specialty) in the 1985 SMS core survey. Follow-up probes detailing the scope of the individual parts of these questions were used to avoid double counting of hours.

Hours in Patient Care Activities per Week (Tables 4 and 5)

Patient care activities include direct patient care and activities related to patient care, such as interpreting lab tests and x-rays and consulting with other physicians. Hours per week in patient care activities from 1982 to 1985 is based on the sum of the responses to parts a-f of Question 13, parts a-d of Question 15, parts a-e of Questions 17, 19, or 21 (depending on physician specialty) in the SMS core surveys. Hours per week in patient care activities for 1974 through 1980 was determined from responses to the second of the following questions included in the PSPs:

1. How many total hours did you practice during your most recent complete week of practice (exclude "on call" hours not actually worked)?

2. How many of these hours were spent in providing DIRECT patient care or patient related services (include patients' lab tests, interpreting x-rays, etc; exclude administrative tasks, meetings, etc.)?

Hours in patient care activities for 1974 through 1980, as defined here, was previously termed hours in direct patient care in the Profile of Medical Practice series published by the AMA.

Hours in Direct Patient Care Activities per Week (Table 6)

Direct patient care activities include seeing patients in the office, on hospital rounds, in surgery and in other settings. Hours per week in direct patient care activities in 1985 was determined for all specialties except psychiatry, radiology, anesthesiology and pathology from the 1985 SMS core survey from the sum of responses to parts a-e of Question 13. Since a different classification of patient care activities was asked about in SMS surveys among physicians in psychiatry, radiology, anesthesiology, and pathology (as reflected by Questions 13 to 22), physicians in these specialties are not reflected in computations of direct patient care hours in Table 6.

Office Hours and Hours on Hospital Rounds per Week (Tables 7-10)

Office hours and hours on hospital rounds per week from 1982 to 1985 are based on responses to Questions 13a and 13d respectively in the SMS core surveys. Physicians in psychiatry, radiology, anesthesiology and pathology were not asked Questions 13a and 13d and are, therefore, not reflected in the data on office hours and hours in hospital rounds for 1982-1984 reported in Tables 7-10. Data on office hours and hours on hospital rounds for years prior to 1982 included in Tables 8 and 10 are based on PSP surveys. The questions used to collect this information in the PSPs were similar to those in the SMS surveys. Although questions on office hours and hours on hospital rounds were asked of physicians in all specialties in the PSPs, responses from physicians in psychiatry, radiology, anesthesiology, and pathology were excluded in computations made for Tables 8 and 10 to make data for years prior to 1982 comparable to the data for 1982 and after from the SMS surveys. The specialty exclusions account for differences in data for years prior to 1982 in Tables 8 and 10, other than for individual specialties, from data previously reported in the Profile of Medical Practice series.

Hours in Surgery per Week (Table 11)

Hours in surgery per week in 1985 is based on responses to Question 13c in the 1985 SMS core survey. Physicians in psychiatry, radiology, anesthesiology and pathology were not asked Question 13c and are, therefore, not reflected in the data on hours in surgery per week reported in Table 11.

Total Patient Visits per Week (Tables 12 and 13)

Total patient visits includes visits in the office, on hospital rounds, in hospital emergency rooms and outpatient clinics and in all other settings. Total patient visits per week from 1982 to 1985 is based on the sum of responses to the root portions of parts a, c, d, and e of Question 14 in the SMS core surveys. Physicians in psychiatry, radiology, anesthesiology, and pathology were not asked Question 14 and are, therefore, not reflected in the data for 1982 to 1985 in Tables 12 and 13. Questions from the PSPs on which data on total patient visits per week for years 1975 through 1980 are as follows:

1975

Please indicate the number of patient visits in the following categories for your most recent complete week of practice:

a. Office
b. Hospital (inpatient only)
c. Nursing home
d. Emergency room
e. Other

1976, 1978, 1979

How many patient visits did you have during your most recent complete week of practice. . .

a. at the office?
b. at the hospital?
c. at all other services (or facilities)?

1980

How many total patient visits did you have during your most complete week of practice (include all patient contacts other than telephone).

The mean numbers of patient visits for 1980 were significantly lower than the means for the years both before and after 1980 as a result of the changes in the form of the question. In order to avoid inappropriate interpretations, the 1980 patient visits numbers published in previous editions of the Gray Book have not been included in this year's edition. Although questions on visits were asked of physicians in all specialties in the PSPs, responses from physicians in psychiatry, radiology, anesthesiology and pathology were excluded in computations made for Table 13 to make data for 1975 through 1979 comparable to the data for 1982 and after from the SMS surveys. The specialty exclusions account for differences in data for years prior to 1982 in Table 13, other than for individual specialties, from data previously reported in the Profile of Medical Practice series.

Office Visits and Visits on Hospital Rounds per Week (Tables 14-17)

Office visits and visits on hospital rounds per week in 1982 and following years are based on responses to the root portions of Questions 14a and 14c respectively in the SMS core surveys. Physicians in psychiatry, radiology, anesthesiology and pathology were not asked Questions 14a and 14c and are, therefore, not reflected in the data in Tables 14-17. Data on office visits and visits on hospital rounds for years prior to 1982 included in Tables 15 and 17 are based on PSP surveys. The questions used to collect this information in the PSPs were similar to those in the SMS surveys. Although questions on office visits and visits on hospital rounds were asked of physicians in all specialties in the PSPs, responses from physicians in psychiatry, radiology, anesthesiology and pathology were excluded in computing Tables 15 and 17 to make data for years prior to 1982 comparable to the data for 1982 and after from the SMS surveys. The specialty exclusions account for differences in data for years prior to 1982 in Tables 15 and 17 from data previously reported in the Profile of Medical Practice series.

Surgical Procedures per Week (Table 18)

Surgical procedures per week in 1985 is based on responses to the root portion of Question 14b in the 1985 SMS core survey. Physicians in psychiatry, radiology, anesthesiology and pathology were not asked

Question 14b and are, therefore, not reflected in the data on surgical procedures per week reported in Table 18.

Patient Care Activities: Psychiatry (Table 19)

Hours and the number of sessions with individual patients per week in 1985 are respectively based on the responses to Question 15a and Question 16a in the SMS surveys. Hours and the number of sessions with non-family and family groups per week in 1985 are respectively based on the sum of the responses to Question 15b and 15c and the sum of responses to Questions 16b and 16c in the 1985 SMS core survey.

Patient Care Activities: Radiology (Table 20)

Data on patient care activities of radiologists in 1985 in the columns from left to right in Table 20 are respectively based on responses to Questions 17a, 17b, 18b, 17c, 18c, 17d and 18d in the 1985 SMS core survey.

Patient Care Activities: Anesthesiology (Table 21)

Hours spent personally anesthetizing patients and the number of patients personally anesthetized per week in 1985 are respectively based on responses to Questions 19a and 20a in the 1985 SMS core survey. Hours spent supervising nurse anesthetists per week is based on responses to Question 19b in the SMS surveys. The number of patients anesthetized by nurse anesthetists under an anesthesiologist's supervision is based on responses to Question 20b. Hours and the number of pre-anesthesia and other inpatient visits per week are respectively based on the responses to Question 19c and to Question 20c.

Patient Care Activities: Pathology (Table 22)

Data on patient care activities of pathologists in 1985 in the columns from left to right in Table 22 are respectively based on responses to Questions 21a, 22a, 21b, 22b, 21c, 22c, 21d and 22d in the 1985 SMS core survey.

Waiting Time: (Tables 23 and 24)

Data on waiting time to be scheduled for an appointment and waiting time in the physician's office after arriving for a scheduled appointment in 1985 are based on responses to Questions 11 and 12 respectively in the 1985 SMS core survey. Physicians in radiology, anesthesiology and pathology were not asked Questions 11 and 12 and are, therefore, not reflected in the data on waiting time in tables 23 and 24.

Hospital Utilization: (Tables 25 and 26)

Data on patients discharged from the hospital per week and the length of stay of patients discharged in 1985 are based on responses to Questions 25 and 26 in the 1985 SMS core survey. Physicians in radiology, anesthesiology and pathology were not asked Questions 25 and 26 and are, therefore, not reflected in the data on hospital utilization in Tables 25 and 26.

Fees: (Tables 27-32)

Fees for office visits with new patients, office visits with established patients and follow-up hospital visits between 1982 and 1985 were obtained in the SMS core surveys from responses to Questions 24a, 24b, and 24c respectively. Physicians in psychiatry, radiology, anesthesiology and pathology were not asked questions on fees for the types of visits reflected in Tables 27-32 in the SMS surveys and are, therefore, not reflected in the data in those tables. In the 1983 and 1984 Gray Books, the fee reported by each physician was weighted by the frequency with which the physician had each type of visit in computing average fees. This weighted average method was not used in the 1985 or 1986 Gray Book. In these years, the mean physician fee is computed as simple average of responses. The mean fees reported in Tables 28, 30, and 32 for 1982 and 1983 have been adjusted to reflect this change of computation method. Although interpretation of the simple and weighted averages are different, the adoption of the simple average methodology provides consistency between the information reported for years prior to and following 1982.

Data on fees for years prior to 1982 in Tables 28, 30 and 32 is based on the following questions from the PSPs:

> For each of the following procedures, indicate the number of times you perform the procedure during a typical complete week of practice and the current usual fee you charge for the procedure.
>
> a. Office visit, new patient, brief evaluation, history, examination and/or treatment.
>
> b. Office visit, established patient, brief examination, evaluation and/or treatment, same or new illness.
>
> c. Hospital visit, new or established patient, brief examination, evaluation and/or treatment, same illness.

Although these questions were asked of physicians in all specialties in the PSPs, responses from physicians in psychiatry, radiology, anesthesiology and pathology were excluded from the computations made for Tables 28, 30 and 32 to make data for years prior to 1982 comparable to data for 1982 and after from the SMS surveys. The specialty exclusions account for differences in data for years prior to 1982 in Tables 28, 30 and 32 from data previously reported in the Profiles of Medical Practice series.

Professional Expenses (Table 33-37)

Professional expense information reported in Tables 33-37 refers to tax-deductible professional expenses from medical practice. Data on total professional expenses for 1985 is obtained either as the sum of the responses to parts a-f of Question 30 in the 1986 SMS core survey or, in the event any of these responses is missing, as the response to the question, "In 1985, what were your total tax-deductible professional expenses from medical practice to the nearest $1,000? Do not include contributions made for you into deferred compensation plans." Individual expense components for 1985 reported in Table 37 are based on responses to parts a-e of Question 30 in the 1986 SMS core survey. Data on professional expenses for 1981 to 1984 in Tables 34 and 36 are based on responses to similar questions from the 1982 to 1985 SMS core surveys. Data on professional expenses for years prior to 1981 reported in Tables 34 and 36 are based on responses to the following questions from the PSPs:

> 1975, 1977
>
> What were your total professional expenses in [YEAR] to the nearest $1,000? (Include only those expenses that are allowable business deductions for Federal income tax purposes. If in practice with other physicians, give only your share of the practice's expenses.)
>
> 1978-1979
>
> What were your total tax-deductible professional expenses in [YEAR]? (If you shared expenses with other physicians, indicate your share only.)

While data relating to professional expenses for 1981 and after from the SMS surveys are based on only self-employed physicians, professional expense information for years prior to 1981 was obtained from all physicians responding to the PSPs. Note, however, that hospital-based physicians were not included in PSP samples.

Net Income After Expenses Before Taxes (Tables 38-45)

Physician net income is defined to include all earnings from medical practice after expenses but before taxes, including fringe benefits and contributions made into deferred compensation plans. Net income in 1985 was determined in the 1986 SMS core survey from responses to Question 38. In addition, Question 39 was included as a probe to ensure that deferred compensation plan contributions were fully represented in net income. If the physician responded "no" to Question 39b, the response given to Question 39a was added to the response to Question 38 to obtain net income. Similar questions in the 1982 to 1985 SMS core surveys were used to obtain information on net income for 1981 to 1984, respectively. The questions in PSPs used to obtain net income information for years prior to 1981 included in Tables 39 and 41 were as follows:

1975, 1977-1978

What was your [YEAR] individual before tax net income from medical practice to the nearest $1,000?

1979

What was your 1979 individual net income before taxes from medical practice? (Include all income from fees, salaries, retainers, etc., as well as the value of all fringe benefits paid on your behalf, e.g., Keogh Plan.)

Computation Procedures

A major change in the computational procedure has been implemented in this year's Gray Book. In previous editions, a majority of the statistics derived from SMS were calculated using data from four surveys. However, in this edition statistics are calculated using data from only the core SMS survey. Two effects may result from this change. First, due to sampling error alone, statistics for the years 1982 to 1984 reported in tables 5, 8, 10, 13, 15, 17, 28, 30, and 32 may differ from those reported in previous editions of the Gray Book. Standard errors for these statistics may be higher because fewer observations were used to calculate the statistics. However, it should be noted that the SMS core surveys provide about 4,000 observations each. Secondly, because the statistics have been calculated using only one survey, they may fail to reflect seasonal variation for some of the variables. It should be noted that this change does not affect any statistics calculated with PSP data or any SMS statistics previously calculated using only a core survey.

Means (or averages) for all characteristics reported in the Gray Book are estimated as simple averages. Thus, if x_i represents the response from physician i concerning a particular characteristic and n physicians responded to the relevant survey question, the estimated mean of the characteristic is given by the sum of the x_i's for all physicians providing responses for the characteristic divided by n. The estimated standard error of the mean is given by the square root of the sum of squares of $(x_i-\bar{x})$ divided by $n(n-1)$ where $\bar{x}$ is the estimated mean of the characteristic.

CENTER FOR HEALTH POLICY RESEARCH
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ANNOUNCEMENT

SMS Reports

In recent years, we have observed a rapidly changing medical practice environment. There have been many factors leading to this phenomenon some of which include: changes in the supply of physicians and changes in the health care delivery system. The AMA's Socioeconomic Monitoring System (SMS) survey of physicians attempts to capture these changes in a timely and efficient fashion. In an effort to bring the information collected through SMS surveys into the hands of health care professionals, the Center for Health Policy Research has begun production of SMS Reports. These reports are brief publications which summarize and analyze many key issues of interest to health care professionals. These reports are now being offered on a subscription basis. Some of the issues to be addressed in the coming year include:

- Professional Liability;
- Medicare Utilization and Participation Rates;
- Changing Practice Patterns; and
- Physician Practice Expenses.

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